

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 10/25/2012 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5501 | | 4. REQUISITION/REFERENCE NO. PR-R5-12-00665 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|--|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT Destination | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| | | | | 16. DISCOUNT TERMS | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 Corrective Action Support at US Steel This Time-and-Material Task Order is hereby initiated approving the contractor's proposal dated October 15, 2012 in the Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|---|----------------|---------------------------|--|-----------------|--|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$0.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive | | | | | | |
| c. CITY Research Triangle Park | | d. STATE NC | e. ZIP CODE 27711 | | \$178,998.22 | | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Corey Kerzhner
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 10/25/2012 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5501 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>amount of \$178,998.22. Funding in the amount of \$20,000.00 is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect.</p> <p>TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 09/13/2012 to 09/12/2013</p> <p>Corrective Action Support for US Steel</p> <p>Accounting Info: 12-13-B-05Q-303D99-2505-1205QEX520-001 BFY: 12 EFY: 13 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1205QEX520-001 Funding Flag: Partial Funded: \$20,000.00</p> <p>The obligated amount of award: \$20,000.00. The total for this award is</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
U.S. Steel Corporation**

Zone 2 RCRA Enforcement and Permitting Assistance 5 (REPA 5)

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates
REGION 5 TASK ORDER NUMBER: TO **55001**

I. **Title** Corrective Action Support for U.S. Steel Corporation Facility (USS)

II. **Contract Officer Representatives**

Contract Level Task Order Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Task Order Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 and 2 of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through 09/12/2013.

V. **Objective/Purpose**

This task order describes the oversight tasks for which U.S. EPA Region 5 anticipates needing contractor support at the U.S. Steel Corporation Facility. Specifically, this task order requests the contractor to: (1) review and provide comments on workplans and reports related to corrective action work at Solid Waste Management Areas (SWMAs) at Gary Works, (2) participate in site visits to the SWMAs to observe work and split samples, and (3) attend meetings to discuss comments.

VI. **Description of Tasks to be Performed By Contractor**

Background:

USS is a fully-integrated steel mill that has operated for over 100 years. The Gary Works facility is subject to the requirements of a RCRA 3008(h) Administrative Order on Consent that was issued by the United States Environmental Protection Agency (U.S. EPA) on October 23, 1998. The Order requires performance of a RCRA Facility Investigation, Corrective Measures Study, Corrective Measures Implementation, and Interim Measures. USS is situated on 4,000 acres with the northern boundary sharing approximately 7 miles of coastline with Lake Michigan. The facility is bounded to the east by the Indiana Dunes National Lakeshore and to the south, in part, by the Grand Calumet River. Hundreds of solid waste management units and areas of concern have been identified. The facility has been organized into Solid Waste Management Areas (SWMAs) to ease project implementation.

Task 01 – Review Corrective Action Documents for Gary Works SWMAs

USS is performing multiple investigations to characterize contamination in environmental media at Gary Works. Investigations are conducted according to workplans provided by USS for EPA review and approval. Investigations are documented in reports. Interim measures may follow these investigations to mitigate risk. Interim measures are proposed by USS in workplans submitted for EPA review and approval. Work completed is documented in Reports, also submitted to EPA for review and approval.

For example, contaminated groundwater is discharging into the East Lake Breakwater within Lake Michigan. An interim measure is in place and operating, but will need to be expanded and its methodology revised as necessary to address areas that may serve as source areas for chemical migration to groundwater or pose a risk to human health or the environment.

General Needs:

Support is necessary to review specific documents related to contamination at the facility. These documents may include, but are not limited to workplans to conduct contaminant characterization, risk evaluation, interim measures or final remedy

evaluation/implementation; and reports, documenting the work performed; and subsequent document revisions.

Specific Needs:

1. If not already familiar with the SWMAs, the Contractor shall review necessary historic documents including those listed in Attachment 1, to gain a comprehensive understanding of the area and its on-going investigations and interim measures. These documents, and others related to the USS facility can be found in the U.S. EPA Region 5 file room located in its Chicago office.

2. The Contractor shall review investigation and interim measures workplans and reports (including revisions) for SWMAs at the facility. Documents include, but are not limited to: East Side Investigation Reports, East Side Interim Measure Workplan, Grand Calumet Lagoon and Buffer Zone investigations and corrective measures study, East Lake Ecological Evaluation and Interim Measure Workplan and Report, HWD-2/Refuse Area Closure Plan, Perimeter Groundwater Monitoring Reports, Groundwater Use Designation, Buchanan Street Basins, West End, and C-Lot Phase I Reports, West Side investigation workplan and reports, Corrective Action Management Unit (CAMU) operations, monitoring, and maintenance reports (Including spray system), and CAMU Use requests. The Contractor will evaluate the Workplans and Reports for technical adequacy, quality assurance, and risk evaluation. For the purpose of this assignment, the Contractor should assume there will be 12 distinct documents to review, half of moderate complexity and the other half of high complexity. There will also be a review of revisions for each document.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

Comments and recommendations included in the document review report provided by the Contractor shall meet the standards described in this section. Comments and recommendations shall:

- Be based on sound science, clearly supported by one or more lines of evidence and/or applicable Federal, state and other pertinent standards, guidelines, policies and/or regulations. The Contractor shall clearly reference the source of supporting information in the document by citing the page, paragraph, title and location of the source.
- Consider all applicable information available relative to facility history, previously collected data, and environmental conditions and reference this information as described in Attachment I.

- Evaluate interim measure proposals and spot check design calculations to assess accuracy and quality of design activities.
- Evaluate whether the rate, concentration, and extent (i.e., horizontal and vertical) of soil and groundwater contamination was fully characterized. Guidelines such as U.S. EPA Regional Screening Levels and site-specific soil screening values will be used to highlight areas requiring further evaluation.
- Evaluate the use of adequate Quality Assurance/Quality Control procedures during investigations.
- State additional work needed to enhance characterization of soil and groundwater contamination.

Task 02 – Site Visits to USS

General Needs:

As part of the review, site visits will be conducted to observe field conditions and sample placement.

Specific Needs:

1. Approximately 7 site visits will be conducted by up to 2 people. At least one trip will involve splitting samples with USS, assuming a total of 20 sample locations. Analysis of the split samples are expected to take place at Region 5's Central Regional Lab (CRL). Within 15 days of each site visit, a short oversight report should be provided documenting a summary of the field observations and a photo log. Travel is anticipated to Gary, Indiana for up to 2 people for 7 trips, for an estimated total of 28 field days.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

Task 03 – Attend Meetings Related to the Corrective Action Program

General Needs:

Contractor will attend meetings to with U.S. EPA and USS representatives to discuss Workplan and Report summary reviews.

Specific Needs:

1. Meetings will be attended by up to three contractors and will take place in Chicago or in Gary, IN. It is anticipated that there will be 10 meetings, each lasting a full day. In addition, it is expected that up to 15 conference calls will take place, each lasting a half day.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

VII. **Technical Direction**

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

VIII. **Schedule of Deliverables**

Task 01 Contractor shall review documents and provide written comments in the form a short letter report within 30 calendar days of receipt. For revised documents, the deliverable is due within 15 days of receipt.

Task 02 Within 15 days of each field visit, Contractor will provide a photo log and summary of observations that impact investigation and remedial design. This should be in the form a short letter report.

Task 03 There are no deliverables required for Task 3.

Attachment I Historic Documents

In order to gain a comprehensive understanding of the site, the following historic documents should be reviewed. Note that some documents contain substantial appendices with additional background studies. These documents can be found in the U.S. EPA Region 5 file room.

1. RCRA 3008(h) Order on Consent (1998) and Attachments.
2. Facility-Wide Hydrologic and Current Conditions Report (1997) (14 volumes)
3. RCRA Facility Assessment (1987)
4. Aerial Photographic Analysis (U.S. EPA, 1999)
5. Land Use Designation Report (2003)
6. Facility-Wide Site Conceptual Model and SWUM and AOC Inventory (2002)
7. Baseline Slag Sampling and Analysis Plan (2003)
8. Process Sewers Phase I Report (2003)
9. Limited Coke Oven Gas Line Drip Leg Pits Investigation (2006)
10. Facility-Wide Quality Assurance Project Plan
11. Historical Slag Information Report (2002)
12. Perimeter Groundwater Monitoring Report (2002)
13. East Side Groundwater SWMA Phase II Sampling and Analysis Plan (2002)
14. Status Report Coke Plant Groundwater Additional Work (2002)
15. 2003 Coke Plant Focused Groundwater Investigation (2003)
16. East Side Groundwater SWMA Data Submittal Report (2004)
17. East Lake SWMA Breakwall Area Phase I Data Submittal (2005)
18. East Lake Breakwater Addendum to the East Lake SWMA Phase I Report (2006)
19. Facility-wide RFI Reports (various dates)
20. Facility-wide RCRA Closure plans and reports (various dates)
21. Self-Implementing Interim Stabilization Measures Documents-Benzene Plume (2009)
22. East Side Interim Measures Workplan (2011)
23. Perimeter Groundwater Report (2012)
24. East Lake Breakwater Plans and Reports (2010-2012)
25. Baseline Ecological Risk Assessment and Workplan (2012)

EP-W-12-032 TASK ORDER 5501 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|---------------------|
| BASE | | 10/25/2012 | \$20,000.00 | \$178,998.22 |
| 007 | Funding Only Action | 11/22/2013 | (\$39,520.73) | \$0.00 |
| 006 | Funding Only Action | 9/24/2013 | (\$10,000.00) | \$0.00 |
| 005 | Funding Only Action | 8/12/2013 | \$40,000.00 | \$0.00 |
| 004 | Funding Only Action | 5/30/2013 | \$20,000.00 | \$0.00 |
| 003 | Funding Only Action | 2/25/2013 | \$24,992.00 | \$0.00 |
| 002 | Funding Only Action | 1/14/2013 | \$20,000.00 | \$0.00 |
| 001 | Funding Only Action | 12/20/2012 | \$6,393.88 | \$0.00 |
| | | | | \$178,998.22 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 01/10/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5505 | | 4. REQUISITION/REFERENCE NO. PR-R5-13-00065 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|------------------------------|------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) | | | | 12. F.O.B. POINT Destination | |
| <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | | |
| 13. PLACE OF | | 14. GOVERNMENT B/L NO. | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| a. INSPECTION Destination | b. ACCEPTANCE Destination | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 Corrective Action Support for 5 Region 5 Sites Including Ansul, Quemetco, Racer Buick City, Racer Van Buren Township, and Refined Metals Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|---|----------------|---------------------------|--|-----------------|--|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$20,000.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive | | | | | | \$20,000.00 |
| c. CITY Research Triangle Park | | d. STATE NC | e. ZIP CODE 27711 | | | | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Corey Kerzhner
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 01/10/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5505 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>This Time-and-Material Task Order is hereby initiated approving the contractor's proposal \$101,798.59. Funding in the amount of \$20,000.00 is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 01/10/2013 to 09/12/2013</p> <p>Corrective Action Support (TO 5505)</p> <p>Accounting Info: 13-14-B-05Q-303D99-2505-1305QFX501-001 BFY: 13 EFY: 14 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1305QFX501-001 Funding Flag: Complete Funded: \$20,000.00</p> <p>The obligated amount of award: \$20,000.00. The total for this award is</p> | | | | 20,000.00 | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$20,000.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
Ansul, Inc., Marinette, WI
Refined Metals, Beach Grove, IN
RACER Buick City, Flint, MI
RACER Van Buren Township Landfill Site Area (Parcel A), Van
Buren Township, MI**

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5505**

I. **Title** *Corrective Action Support for Ansul, Inc., Marinette, WI and 3 Additional Facilities*

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2013.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 4 priority projects within Region 5. The support is namely document reviews, field oversight, sampling and meeting support. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Completion of Document Reviews, Field Oversight, and Meeting Support for Ansul, Inc., Marinette, WI

Background:

Ansul, Inc. is located at 1 Stanton Street Marinette, WI 54143. Ansul, Inc., (EPA ID# 006 125 215), owned by TYCO International, entered into an Administrative Order on Consent (AOC) in February, 2009 to cleanup on-site and off-site contamination resulting from past operations. While the sources of contamination, mostly arsenic containing salts, have been contained as the first components of the AOC, the bulk of remediation will result when sediment dredging in the Menominee River is completed. The AOC requires sediment be removed containing greater than or equal to 50 ppm arsenic. The sediment consists of a "soft layer" overlying river sediment, mostly sands and some silts and gravels (semi-consolidated). TYCO is willing to remove the soft sediment layer, however is balking at removing the semi-consolidated in the Alternative work plan. A clause in the AOC allows the company to propose an alternative "cap" for areas where clean natural sediment (less than 20 ppm As) overlays (caps) arsenic contaminated sediment provided it provides equivalent environmental protection and is legally implementable.

Gary Cygan is the technical contact for the Ansul facility. He can be reached at (312) 886-5902.

General Needs:

The support necessary involves the review of technical documents related to this facility, field oversight, and related meeting/conference call support.

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) If not already familiar with the Ansul, Inc. facility in Marinette, Wisconsin, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

01-03) Contractor shall provide a detailed technical review of the following documents related to Ansul:

A) Restoration of S. Channel Workplan

B) Confirmation Sampling/Post-Dredging Workplan

C) Construction Completion of Containment Wall Augmentation

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 4 supplemental reports will be submitted for this facility.

01-04) Participation in up to six (6) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

01-05) Contractor shall plan on participating in eight oversight visits, each lasting 2 days. This shall require overnight travel to Marinette, Wisconsin, for one individual for eight separate trips. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The Ansul project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 No deliverables.

Task 01-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for documents A - C. Deliverables for revised document reviews shall be 15 days.

Task 01-04 No deliverables.

Task 01-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

Task 02 – Completion of Document Reviews and Meeting Support for Refined Metals, Beech Grove, Indiana

Background:

Refined Metals Corporation (IND 000 718 130) is performing environmental corrective action at its facility in Beech Grove, Indiana. The corrective action is being performed under the authority of the Resource Conservation and Recovery Act (RCRA). The RMC facility is located at 3700 South Arlington Avenue in Marion County, Beech Grove, Indiana, approximately four miles south-southeast of downtown Indianapolis. The site occupies approximately 24 acres, of which approximately 10 acres represented the active manufacturing area (including paved areas and buildings). The former manufacturing area is characterized by nearly 80,000 square feet of structures consisting of the battery breaker, a wastewater treatment plant, a filter press, material storage areas, a blast furnace, a dust furnace, a metal refining area, a warehouse and offices. In addition, there are four baghouses, a vehicle maintenance structure, and five stormwater pump houses. Following the conclusion of the facility investigations, high levels of arsenic and lead were detected in the onsite soils and in the groundwater beneath the site. Samples of soil, sediments and groundwater were analyzed for other metals, but only lead and arsenic concentrations exceeded risk-based threshold criteria. Therefore, lead and arsenic were identified as contaminants of interest at the RMC facility.

Proposed remedies consist of 3 remedial alternatives. The first alternative includes excavation of highly contaminated soils and sediments, demolition of the Material Storage building, the Battery Breaker Unit, the Filter Press building, the Waste Water treatment building and placement of institutional control on the facility. The second alternative includes the incorporation of the excavated soils and sediments and materials from the demolition in an on-site cell. The third alternative is Monitored Natural Attenuation which includes implementation of a Groundwater Performance Monitoring program to demonstrate the stabilization and long-term shrinkage of the contaminant plume.

The Technical Contact, Jon Adenuga can be reached at (312) 886-7954.

General Needs:

The support necessary involves the review of technical documents related to this facility and related meeting/conference call support.

Specific Needs:

02-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) If not already familiar with the Refined Metals facility in Beach Grove, Indiana the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

02-03) Contractor shall provide a detailed technical review of the following documents related to Refined Metals:

A) The Sediment Report

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

02-04) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

Complexity Level:

The Refined Metals project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 No deliverables.

Task 02-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for documents A. Deliverables for revised document reviews shall be 15 days.

Task 02-04 No deliverables.

Task 03 – Completion of Document Reviews, Field Oversight and Meeting Support for RACER Buick City, Flint, Michigan

Background:

Motors Liquidation Company (MLC, formerly known as General Motors Corporation) was in bankruptcy, and has submitted various technical documents related to the construction and demolition activities at the MLC sites. MLC has provided Region 5 with access to several documents that provide information about the contamination at these sites. The RACER Trust was created in March 2011 by a U.S. Bankruptcy Court to clean up and position for redevelopment properties and other facilities owned by the former General Motors Corp. before its 2009 bankruptcy.

Past Operations

Portions of the Site (MID 005 356 712) were originally developed in the late 1800s to produce the “horseless carriage.” In 1903, the Buick Motor Company was relocated from Detroit to the Site, In addition to the manufacturing of automobiles, in response to World War I, the Buick Motor Company began producing the Liberty Aircraft engine in 1918. Similarly, in response to World War II, the production of automobiles was stopped in 1942, and the Buick complex was converted for the production of military equipment. Site operations have included machining of ferrous and nonferrous metals, V-6 engine manufacturing, torque converter manufacturing, transmission components manufacturing, engine assembly, and industrial wastewater treatment. All of these processes were terminated at the end of 2010.

Contamination

A variety of contaminants have been identified at the Site, including 15 LNAPL areas some with PCB contamination. Soils on-site are contaminated with metals, VOCs and SVOCs. Groundwater is contaminated with VOCs, SVOCs and dissolved metals. Surface water VOC impacts from storm sewer outfalls. These contaminants are being addressed as part of the remedial implementation process for the Southend and remedial measures will be proposed to address the contaminants as part of the Northend Statement of Basis.

Current Status

All of the site structures on the site have been decommissioned and demolished. A six-foot high security fence topped with barbed wire is located along the perimeter of the Site and all gates are locked when the Site is inactive.

An Administrative Order on Consent (AOC) between US EPA and RACER was signed September 2011, this AOC requires RACER to continue implementation of the previously selected final remedy for the Southend of the site and the forthcoming final

remedy for the Northend of the site. The site was split into a Northend and a Southend, divided by Leith Street. The Final Decision for the Southend was issued on May 13, 2010. The Northend Statement of Basis is anticipated to be public noticed in the fall. There is a Multiphase Extraction system in place at AOI-9B soon to be started in early September. There are on-going storm water sewer studies. A Light Induced Fluorescence (LIF) study to delineate the boundaries of LNAPL impact will begin in early September to delineate edges of LNAPL plumes.

The Technical Contact, Chris Black can be reached at (312) 886-1451.

General Needs:

The support necessary involves the review of technical documents related to this facility, field oversight and related meeting/conference call support.

Specific Needs:

03-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03-02) If not already familiar with the RACER Buick City facility in Flint, Michigan, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

03-03) Contractor shall provide a detailed technical review of the following documents related to RACER Buick City:

A) LNAPL Remedy Design and Analysis

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

03-04) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

03-05) Contractor shall plan on participating in three oversight visits, each lasting 3 days. This shall require overnight travel to Flint, Michigan, for one individual for three separate trips. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The RACER Buick City project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03-01 No deliverables.

Task 03-02 No deliverables.

Task 03-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for document A. Deliverables for revised document reviews shall be 15 days.

Task 03-04 No deliverables.

Task 03-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

Task 04 – Completion of Document Reviews Field Oversight, and Meeting Support for RACER Van Buren Township Landfill Site Area (Parcel A), Van Buren Township, Michigan**Background:**

Motors Liquidation Company (MLC, formerly known as General Motors Corporation) was in bankruptcy, and has submitted various technical documents related to the construction and demolition activities at the MLC sites. MLC has provided Region 5 with access to several documents that provide information about the contamination at these sites. The RACER Trust was created in March 2011 by a U.S. Bankruptcy Court to clean up and position for redevelopment properties and other facilities owned by the former General Motors Corp. before its 2009 bankruptcy.

The former Van Buren Township Landfill Site (Parcel A) (No ID #) is an approximate 67.88 acre area of undeveloped land located in Van Buren Township, Wayne County, Michigan. The Site is zoned for general industrial use, located in an area surrounded by mixed commercial, agricultural, industrial, residential, and airport properties. The Site is bounded to the north by railroad tracks, to the east by GM's Service Parts Operations (SPO) Warehouse, to the south by Ecorse Road, and to the west by Michigan Avenue. The Site is vacant and currently not in use. The Site is heavily wooded in many areas. The southern portion of the Site contains thick areas of brush and thatch, while the northern portion has several open areas with a mixture of tall grass and weeds. Review of historical photographs indicated that the Site was undeveloped and cultivated for

agricultural purposes as early as 1940. The Site remained vacant and undeveloped until approximately 1966. Review of historical records and aerial photographs indicated that the Van Buren Development Company occupied the Site from approximately 1966 to 1969. During this timeframe, Van Buren Development Company operated a landfill at the Site. The Site has been vacant since the closure of the Van Buren Development Company landfill in approximately 1969.

Documentation obtained from the Wayne County Department of Environment (WCDOE), Land Resource Management Division, Solid Waste Technical Section indicated that various wastes including incinerator ash from the City of Detroit, demolition waste and domestic refuse from the City of Dearborn, waste paper from Ford Motor Company, and liquid waste inside 55- gallon drums were landfilled at the Site. Other historical information on record at WCDOE indicated that approximately 1,500 to 1,800 gallons of sludge generated from treatment of crankcase oils from Dearborn Refinery may have been disposed at the Site on a daily basis. Historical records indicated that this sludge had high levels of sulfuric acid and had potentially contained heavy metals, polychlorinated biphenyls (PCBs), and other organic chemicals. Records and historical references indicate that landfilling of waste ceased in approximately 1969, prior to General Motors Corporation's purchase of the Site in late 1969.

Relevant documents include a Phase 1 Environmental Site Assessment, EEC, February 13, 2007 and a Geophysical Investigation, BBL, July 11, 2003

The Technical Contact, Chris Black can be reached at (312) 886-1451.

General Needs:

The support necessary involves the review of technical documents related to this facility, field oversight and related meeting/conference call support.

Specific Needs:

04-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

04-02) If not already familiar with the Van Buren Township Landfill facility in Van Buren Township, Michigan, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

04-03) Contractor shall provide a detailed technical review of the following documents related to Arcelor Mittal Indiana Harbor West:

A) Remedial Design and Construction Plans

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment

letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

04-04) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

04-05) Contractor shall plan on participating in three oversight visits, each lasting 3 days. This shall require overnight travel to Van Buren Township, Michigan, for one individual for three separate trips. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The RACER Van Buren Township Landfill Area Site project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 04-01 No deliverables.

Task 04-02 No deliverables.

Task 04-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for document A. Deliverables for revised document reviews shall be 15 days.

Task 04-04 No deliverables.

Task 04-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the RTOCOR, Contracting Officer and Contract Specialist.

EP-W-12-032 TASK ORDER 5505 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|--------------------|
| BASE | | 1/10/2013 | \$20,000.00 | \$20,000.00 |
| 006 | Funding Only Action | 1/24/2014 | (\$13,355.37) | (\$13,355.37) |
| 005 | Funding Only Action | 11/7/2013 | (\$20,000.00) | (\$21,798.59) |
| 004 | Funding Only Action | 8/12/2013 | \$20,000.00 | \$0.00 |
| 003 | Funding Only Action | 6/4/2013 | \$25,000.00 | \$46,798.59 |
| 002 | Funding Only Action | 2/27/2013 | \$10,000.00 | \$10,000.00 |
| 001 | Funding Only Action | 2/7/2013 | \$25,000.00 | \$25,000.00 |
| | | | | \$66,644.63 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 12/28/2012 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5507 | | 4. REQUISITION/REFERENCE NO. PR-R5-13-00079 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|--|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT Destination | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| 16. DISCOUNT TERMS | | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 Technical Support for Clinton Landfill, Incorporated This Time-and-Material Task Order is hereby initiated approving the contractor's Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|---|----------------|---------------------------|--|-----------------|--|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$0.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive | | | | | | |
| c. CITY Research Triangle Park | | d. STATE NC | e. ZIP CODE 27711 | | \$49,998.69 | | 17(i) GRAND TOTAL |

22. UNITED STATES OF

AMERICA BY (Signature)

23. NAME (Typed)

Corey Kerzhner

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 12/28/2012 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5507 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>proposal dated December 11, 2012 in the amount of \$49,998.69. Funding in the amount of \$30,000.00 is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect.</p> <p>TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Period of Performance: 12/28/2012 to 09/12/2013</p> <p>Technical Support for Clinton Landfill, Inc.</p> <p>Technical Support for Clinton Landfill</p> <p>Accounting Info: 13-14-B-05Q-302DA1-2505-1305QEX501-001 BFY: 13 EFY: 14 Fund: B Budget Org: 05Q Program (PRC): 302DA1 Budget (BOC): 2505 DCN - Line ID: 1305QEX501-001 Funding Flag: Complete Funded: \$30,000.00</p> <p>The obligated amount of award: \$30,000.00. The total for this award is</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

Performance Work Statement
Technical Support for Clinton Landfill, Incorporated
Zone 2 RCRA Enforcement and Permitting Assistance 5 (REPA 5)

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton, or Toeroek, Associates
REGION 5 TASK ORDER NUMBER: TO **5507**

I. **Title** *Technical Support at Clinton Landfill, Incorporated*

II. **Contract Officer Representatives**

Contract Level Task Order Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Task Order Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through 09/12/2013.

V. **General Needs**

Project work will consist of an editorial and technical review and revision, as well as a quality assurance check, of the Responsiveness Summary. In addition, an editorial review and revision will be conducted on the Draft TSCA Approval.

VI. **Description of Tasks to be Performed By Contractor**

Background:

On October 19, 2007, Clinton Landfill, Incorporated (CLI) submitted an application to EPA for approval to dispose of other regulated PCB waste. CLI proposes to create a Chemical Waste Unit (CWU) on 22.6 acres within the Subtitle D landfill. The CWU would consist of two cells (CWU 1 and CWU 2) with synthetic liners each with its own leachate collection system, independent from the remaining solid waste disposal area.

On August 21, 2008, EPA issued a Preliminary Notice of Deficiency (NOD) concerning CLI's application. On January 6, 2009, EPA issued a supplement to the NOD. The NOD and the supplement to the NOD cited the need for additional information on groundwater monitoring, methane recovery, potential pathways to Salt Creek or to the Mahomet Aquifer, Site properties, leachate disposal, waste acceptance, and financial assurance. EPA specifically requested an evaluation of the potential for groundwater impact to the major water resources and the Mahomet Aquifer.

On March 2, 2009, CLI responded to the NOD and supplemental letter, providing EPA with additional information. EPA has reviewed this information and consulted with the IEPA. EPA believes that technical deficiencies noted earlier have been fully addressed. Geologic and groundwater information from the State of Illinois and from other sources supports the findings described below.

On January 8, 2010, IEPA approved a modification of the RCRA Subtitle D permit for Clinton Landfill #3. This modification will allow CLI to dispose of PCB remediation waste upon approval from EPA.

EPA held a public comment period from March 15th until June 15th 2011 where written comments could be submitted to the Agency. In addition, a public meeting for oral statements was held June 9, 2011 at the Clinton High School in Clinton, IL. These comments have been addressed in the Responsive Summary.

Current Draft Approval Support:

Task 01-01 - Attend Initial Meeting with U.S. EPA Region 5

To initiate the activities at the facility, the Contractor should plan on attending an initial meeting with Region 5 staff. This meeting is expected to last about a half day and will be held in Region 5 offices in Chicago. Alternatively, the meeting can be held by phone.

Task 01-02 – Review Submitted Public Comments

Contractor shall review the submitted public comments and ensure that all have been addressed in the Responsiveness Summary. Contractor shall provide a cross-referenced system to ensure that submitted documents/comments can be accounted for and cross-referenced to the Responsiveness Summary.

Task 01-03 - Revise the Responsiveness Summary/Draft TSCA Approval

Contractor shall revise the Responsiveness Summary to include any comments that have not been included and were submitted. The Contractor shall review the Responsiveness Summary comments and responses to ensure that the responses adequately answer the comments and that they are technically accurate. The Contractor will be provided access to the documents of the Administrative Record (AR) for the Draft Approval as well as a copy of the USGS Report entitled: *Application of Hydrogeology and Groundwater-Age Estimates to Assess the Vulnerability of the Mahomet Aquifer to Polychlorinated Biphenyl Contamination from a Proposed Chemical Waste Landfill, near Clinton, Illinois*.

- i. Twenty different documents were submitted with a total of approximately 266 technical comments;
- ii. The 266 technical comments have been sorted into 11 categories.
- iii. An additional 200+ letters and emails were submitted by concerned citizens.

The Contractor shall review and revise the Responsiveness Summary and Draft TSCA approval for editorial content. The documents should be edited to reflect a plain language style of writing.

Task 01-04 – Administrative Record Support

Contractor shall also provide support to EPA in further development of the Administrative Record. This support includes scanning any new documents into a searchable pdf file to be added to the online website .

Task 01-05 – Attend Meetings with EPA

As needed, Contractor shall expect to participate in 2 teleconferences/meetings to discuss project status and/or specific issues related to the Clinton Landfill project. Meetings are expected to last 2 hours each and will be held in Chicago. Alternately, the meetings can be held by phone.

Complexity Level:

This project is expected to be moderately complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

Future Draft Support:

Once finalized, the current draft approval will be posted for public comment. At the conclusion of the public comment period, which is yet to be determined, the Contractor will provide the same support tasks as Tasks 01-01 through 01-05 above. For the purpose of this proposal, Contractor should assume this additional support will be defined as Tasks 02-01 through 02-05, with the scope and schedule of deliverables being identical to Tasks 01-01 through 01-05. Future draft approval support will be on an as necessary basis, determined by the need for support at that time, but should be scoped and added to the cost proposal.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

VIII. Schedule of Deliverables

Task 01-01 There are no deliverables required for this task.

Task 01-02 Provide a cross-reference system for the comments within 10 days of receipt of the public comments and Responsiveness Summary.

Task 01- 03 Within 28 days of receipt of the relevant technical documents: Draft TSCA Approval; Draft Responsiveness Summary; public comment letters, emails, and documents; access to the Administrative Documents for the first Draft Approval; and the USGS report referenced above, submit a draft of the revised Responsiveness Summary and TSCA Approval to EPA for review. EPA comments shall be addressed within 10 days and a final editable electronic copy provided.

Task 01-04 Within 10 days of receipt of files from EPA.

Task 01-05 There are no deliverables required for this task.

EP-W-12-032 TASK ORDER 5507 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|--------------------|
| BASE | | 12/28/2012 | \$30,000.00 | \$49,998.69 |
| 002 | Funding Only Action | 2/21/2014 | (\$16,473.49) | \$0.00 |
| 001 | Funding Only Action | 2/5/2013 | \$19,998.69 | \$0.00 |
| | | | | \$49,998.69 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 02/28/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5509 | | 4. REQUISITION/REFERENCE NO. PR-R5-12-00888 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|------------------------------|------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) | | | | 12. F.O.B. POINT Destination | |
| <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | | |
| 13. PLACE OF | | 14. GOVERNMENT B/L NO. | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| a. INSPECTION Destination | b. ACCEPTANCE Destination | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 This Time-and-Material Task Order is hereby initiated approving the contractor's proposal \$15,879.36. Full funding in the amount of \$15,879.36 is provided which the contractor is not authorized to exceed. Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------|----------------------|--|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$15,879.36 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | \$15,879.36 |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Corey Kerzhner
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 02/28/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5509 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 02/28/2013 to 09/12/2013</p> <p>Federal Green Challenge Partner Symposia and Executive Session</p> <p>Accounting Info: 12-13-B-05Q-402C95-2505---1205QEX523-0 01 BFY: 12 EFY: 13 Fund: B Budget Org: 05Q Program (PRC): 402C95 Budget (BOC): 2505 DCN - Line ID: 1205QEX523-001 Funding Flag: Partial Funded: \$15,879.36</p> <p>The obligated amount of award: \$15,879.36. The total for this award is shown in box 17(i).</p> | | | | 15,879.36 | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$15,879.36

Amended Performance Work Statement
CONFERENCE SUPPORT
Federal Green Challenge Partner Symposia and Executive Session
Zone 2 RCRA Enforcement and Permitting Assistance 5 (REPA 5)

=====

CONTRACT NUMBER: EP-W-12-032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **TO 5509**

I. **Title:** Conference Support for the Federal Green Challenge Partner Symposia and Executive Session

II. **Contract Officer Representatives**

Contract Level Task Order Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Task Order Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 5 (Training, Conferences, and Public Involvement) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2013.

V. **Objective/Purpose**

The overall purpose of this TO is to obtain services to arrange a half-day symposia and executive session for Federal Green Challenge partners and executives in the Region 5 offices in Chicago. The effort is intended to bring together partners to share the experiences in sustainability, begin networking on sustainability, and for the executives to identify a group focus area to work on the next fiscal year. This task order was issued to Toeroek Associates on February 28, 2013.

VI. **Description of Tasks to be Performed By Contractor**

Conference Support for the Federal Green Challenge Symposia and Executive Session for Federal Facility Partners

Background:

The Federal Green Challenge (FGC) is a program that is run by EPA's Sustainable Materials Management Program. The FGC has challenge federal facilities to increase their sustainability in two of six focus areas, waste, purchasing, electronics, energy, water and transportation by 5% or more per year. The partners pick one of the first three areas (waste, purchasing, and electronics) and then one of any of the six focus areas. They set their goals of a 5% or more change, and then spend the next year working to achieve those goals. The program provides technical assistance, monthly webinars and networking opportunities with other federal facilities to help them meet their goals. The program is in its first year nationally, having started on the West Coast three years ago.

The program is based on the commitments that federal agencies are required to make by Executive Order 13514, "Federal Leadership in Environmental, Energy, and Economic Performance". As of July, 2012 the program has over 241 partners and over 950,000 covered employees. Region 5 has 27 partners covering approximately 136,000 employees, most are in the Chicago area, with two in Indiana and one in Ohio. There are also three Department of Defense partners. The partners have chosen the following focus areas, ranked from most selected to least: waste, energy & transportation (tie), transportation, water and finally electronics. Partners are required to submit a baseline and goals form 90 days after joining the program, then report annually afterwards. There is a recognition program being developed for partners.

In addition to recruiting partners, part of supporting them is to hold one partner symposium and executive session each year. This helps partners to network and learn from each other, helps the program check in with them on their progress, and for EPA to get feedback on the program. The program is also reliant on executive management support, and there will be an executive session annually as well. We hope to have all partners attend this meeting, as well as their executives. The highlight of the event will be a keynote speaker that will talk about a topic focused on sustainability, and help to motivate the group. Then there will be two partner case studies for the partner staff, and separate session for the executives where they may pick a 'challenge' for all to meet in

the coming year.

General Needs:

The contractor shall provide logistical support for conducting the conference and technical meetings, in a manner that will make the meeting as 'green' as possible based on EPA's green meeting information, <http://www.epa.gov/oppt/greenmeetings/>.

Specific Needs:

Task 01-01: Attend a Short Kickoff Meeting with EPA - Completed

Contractor shall attend a kickoff meeting with EPA staff to discuss the details of this TO. Meeting is expected to last 2 hours and will be held in Chicago.

Task 01-02: Work With EPA Staff to Identify and Prepare 11 Participant Case-Studies for the Session – In Progress

A meeting highlight will be the creation of participant case studies that tell the story of how a participant met their goals and increased sustainability in their operations. These case studies will be between one and two pages in length and use an EPA provided template and examples from other SMM programs. The contractor will provide support by working with EPA to identify potential participants, most likely from those that submitted awards nominations that have experiences to share and then gather information from that partner to write an interesting case study that tells their story. Preference will be given to highlight a variety of program aspects. The contractor will contact the selected participants, interview them, and create the case study.

Deliverables:

- One case-study each for up to 11 participants by June 1st , with intermediate check-ins.
- Interview questions that were used to create the case-studies

Task 01-03: Work with Two Participants to Present on Their Case-Studies

The contractor will provide support by working with FGC participants identified by EPA that developed case-studies in task 01-02 to help the partner develop their case study and expand it into a 20 min. presentation for the meeting. These presentations will be a main item on the FGC agenda and highlight an aspect of the participants work. This task will help speakers prepare a more polished, clear and concise presentation that will be presentable in the time allotted. Presentations will use the provided SMM PowerPoint format.

Deliverable: Two presentations by June 1st .

Task 01-04: Create Draft Summary of the Federal Green Challenge Suitable for Newsletters

The contractor will create two summaries of approximately 1000 and 500 words in length of the meeting that can be used in newsletters. The summary will include:

- General information on the Federal Green Challenge, including history and reason for it's being-
- The highlights from the two case studies, and information on the other participants that had presentations written about them, space permitting.
- General information on how federal facilities can join and set baselines and goals.
- A listing of the 2012 award winners from Region 5
- Over all successes of the FGC nationally, such as environmental benefits and other achievements.

Deliverable: Summaries are due July 8th .

Task 01-05: Conduct Federal Green Challenge Evaluation

The contractor will work with EPA to prepare an evaluation form for the FGC participants about why they joined the program, what they have gotten from it, and suggestions for improvement. This will be distributed electronically to participants nationally. The contractor will provide a summary of the comments as well as information on the average rankings for any numeric ratings.

Deliverable: The contractor will compile the information from the evaluation forms and submit to EPA by July 8th .

Task 1-06: Further refinement of the Federal Green Challenge Excel Based Calculators on Waste and Recycling Collections and Recycled Content Fiber Paper Usage

EPA Region 5 has created two Excel calculators that help participants estimate the amount of waste that is taken to recycling and disposal and measure the amount of recycled fiber paper that is purchased throughout the year; These calculators are functional but are a little complicated for people to use without explanation. We would like the Toereck Team to review these calculators and make them more user friendly. This could include writing instructions on how to use the calculators, improving the identification of cells for date entry, locking cells to prevent errors and other things.

Due by July 8th

Complexity Level:

This project is expected to be of low to moderate complexity. Please refer to the contract PWS for examples of project complexity. As a project of low to moderate complexity, contractor is expected to utilize predominantly junior to mid level staff. Senior staff can be used in an oversight role.

Performance Standard:

The Contractor should refer to Task 5 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

VII. **Schedule of Deliverables**

See specific tasks for identification of deliverables and their schedule. Unless mutually agreed upon by EPA and the Contractor, due dates for deliverables will be as specified in this Task Order.

Documents prepared under this Task Order shall also be provided in electronic format used by EPA, i.e., Microsoft Office. As necessary, documents shall be provided first as drafts. If necessary, EPA may provide comments for the contractor to incorporate into the final documents. The final document format will be agreed upon by EPA in advance.

VIII. **Technical Direction**

Technical direction is for the purpose of clarification of the PWS only. If technical direction is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the RTOCOR, Contracting Officer and Contract Specialist.

The EPA technical representative for this project is Chris Newman. He can be contacted at (312) 353-8402.

CC: Corey Kerzhner, CO
Chris Newman, EPA TA

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 06/05/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5510 | | 4. REQUISITION/REFERENCE NO. PR-R5-13-00381 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|--|---|---|--|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) | | | | 12. F.O.B. POINT Destination | |
| <input type="checkbox"/> a. SMALL | <input type="checkbox"/> b. OTHER THAN SMALL | <input type="checkbox"/> c. DISADVANTAGED | <input type="checkbox"/> d. WOMEN-OWNED | <input type="checkbox"/> e. HUBZone | |
| <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED | <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM | | <input type="checkbox"/> h. EDWOSB | | |
| 13. PLACE OF | | 14. GOVERNMENT B/L NO. | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| a. INSPECTION Destination | b. ACCEPTANCE Destination | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|---|---|----------------------------|----------------------|----------------------|---------------|------------------------------------|
| | DUNS Number: 825211824 This Time-and-Materials Task Order is hereby initiated approving the contractor's proposal dated May 14, 2013 in the amount of \$154,823.23. Incremental funding in the amount of \$20,000.00 is provided which the Continued ... | | | | | |
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | \$0.00 | |
| | a. NAME RTP Finance Center | | | | | |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | \$154,823.23 |
| c. CITY Durham | | d. STATE NC | e. ZIP CODE 27711 | | | |

22. UNITED STATES OF
AMERICA BY (Signature)

23. NAME (Typed)
Corey Kerzhner
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES

SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 06/05/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5510 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 06/05/2013 to 09/12/2013 TO 5510</p> <p>Corrective Action Support for American Metals, Arizona Chemical, and 3 additional facilities (TO 5510)</p> <p>Accounting Info: 13-14-B-05Q-303D99-2505---1305QFX515-0 01 BFY: 13 EFY: 14 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1305QFX515-001 Funding Flag: Complete Funded: \$20,000.00</p> <p>The obligated amount of award: \$20,000.00. The total for this award is shown in box 17(i).</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
American Metals, Westlake, OH
Arizona Chemical, Dover, OH
3 Additional Facilities**

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5510**

I. **Title** Corrective Action Support for American Metals, Westlake, OH, Arizona Chemical, Dover, OH and 3 Additional Facilities

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2013.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 5 priority corrective action projects within Region 5. The support is namely document reviews/document preparation, field oversight, sampling and meeting support. This support may also include conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Review of Technical Documents and Site Visits at American Metals, Westlake, Ohio

Background:

American Metals (AM) (OHD 004 528 873) is located in Westlake, Ohio. Over the past few years EPA's selected remedy has been partially completed. The remedy includes landfill removal, institutional controls, and groundwater and sediment monitoring. AM is seeking to revise the groundwater monitoring program and complete additional ecological analysis for sediments.

Tammy Ohl is the technical contact for the American Metals facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AM's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of reports related to the corrective action implementation. This will include the review of at least two groundwater reports. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

01-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

01-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 2 days each. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The American Metals project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Revised deliverables shall be 15 days.

Task 01-03 No deliverables.

Task 01-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 02 – Review of Technical Documents and Site Visits at Arizona Chemical, Dover, Ohio

Background:

Arizona Chemical (AC) (OHD 004 209 094) is located in Dover, Ohio. The facility is bounded by the Tuscarawas River and industrial and residential properties. Over the past few years EPA's selected remedy has been partially completed. The remedy includes soil excavation, capping, groundwater extraction, and institutional controls. AC is seeking to revise the groundwater remedy and establish universal environmental covenants.

Tammy Ohl is the technical contact for the Arizona Chemical facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AC's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

02-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of reports related to the corrective action implementation. This will include the review of at least two groundwater reports. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

02-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

02-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 2 days each. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The Arizona Chemical project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 02-03 No deliverables.

Task 02-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 03 – Task 05 Completion of Document Reviews and Other Site Characterization Activities for 3 Additional Region 5 Facilities**Background:**

For the purposes of this task order, the Contractor shall assume support will be needed at 3 additional Region 5 sites. It should be assumed that one site will be located in or around Detroit, Michigan and two sites will be located in or around Cleveland, Ohio. The specific requirements for each of these facilities will be issued by technical direction memoranda (TDM). The technical contacts will also be identified in the TDM.

General Needs:

The support necessary will involve the review/preparation of documents, and/or the gathering of samples and oversight visits. These are tasks consistent with Tasks 1 and 2 of the contract PWS.

Specific Needs:

03 thru 05-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03 thru 05-02) If not already familiar with the particular facility, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room. Contractor shall provide a detailed technical review of two documents of moderate complexity for each of the three additional facilities. Consistent with this task order, EPA may request the preparation of documents related to conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for each facility.

03 thru 05-03) Participation in up to four (4) meetings/conference calls will be needed for each facility to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

03 thru 05-05) Contractor shall conduct field oversight at each of the three additional facilities. Field oversight should require overnight travel for 6 days in two trips at each facility. One staff is adequate. Sampling may be required, but is not anticipated at this time. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative.

Complexity Level:

These facilities are expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03 thru 05-01 No deliverables.

Task 03 thru 05-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 03 thru 05-04 No deliverables.

Task 03 thru 05-05 Within 15 days of each oversight, contractor shall provide EPA with a short letter report with photos, documenting the results of the oversight visit.

VII. **Technical Direction**

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

EP-W-12-032 TASK ORDER 5510 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-----------------------------|------------|---------------|--------------------|
| BASE | | 6/5/2013 | \$20,000.00 | \$154,823.23 |
| 003 | Funding Only Action | 12/4/2013 | (\$35,754.58) | (\$120,577.81) |
| 002 | Other Administrative Action | 11/27/2013 | \$0.00 | \$0.00 |
| 001 | Funding Only Action | 8/7/2013 | \$50,000.00 | \$0.00 |
| | | | | \$34,245.42 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 07/29/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: | |
| 3. ORDER NO. 5512 | | 4. REQUISITION/REFERENCE NO. PR-R5-13-00438 | | a. NAME OF CONSIGNEE Region 5 | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|--|---|---|--|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) | | | | 12. F.O.B. POINT Destination | |
| <input type="checkbox"/> a. SMALL | <input type="checkbox"/> b. OTHER THAN SMALL | <input type="checkbox"/> c. DISADVANTAGED | <input type="checkbox"/> d. WOMEN-OWNED | <input type="checkbox"/> e. HUBZone | |
| <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED | <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM | | <input type="checkbox"/> h. EDWOSB | | |
| 13. PLACE OF | | 14. GOVERNMENT B/L NO. | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| a. INSPECTION Destination | b. ACCEPTANCE Destination | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | DUNS Number: 825211824 Corrective Action Support for Buckeye Products This Time-and-Material Task Order is hereby initiated approving the contractor's Continued ... | | | | | |

| | | | | | | | |
|---|---|--|---------------------------|----------------|----------------------|--|------------------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$19,969.72 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | \$19,969.72 |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | | 17(i) GRAND TOTAL |

22. UNITED STATES OF
AMERICA BY (Signature)

23. NAME (Typed)
Corey Kerzhner
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 07/29/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5512 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>proposal dated July 19, 2013 in the amount of \$19,969.72. Full funding is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 07/29/2013 to 09/12/2013 TO 5510</p> <p>Corrective Action Support - Buckeye Products (TO 5512)</p> <p>Accounting Info: 13-14-B-05Q-303D99-2505---1305QFX518-0 01 BFY: 13 EFY: 14 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1305QFX518-001 Funding Flag: Partial Funded: \$19,969.72</p> <p>The obligated amount of award: \$19,969.72. The total for this award is shown in box 17(i).</p> | | | | 19,969.72 | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$19,969.72

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
The Former Buckeye Products Facility
Adrian, Michigan
MID 005 044 813**

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5512**

I. **Title** Corrective Action Support for Buckeye Products, Adrian, Michigan
(Sampling and Analysis)

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2013.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for the former Buckeye Products Facility, Adrian, Michigan. The support is namely field sampling. There is previous sampling and oversight data available, and these documents will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Prepare a site specific sampling plan and provide sampling and analysis services at the Buckeye facility.

Background:

The former Buckeye Products, Adrian Michigan, MID 005 044 813 operated at the site from the mid-1960s through the early 1990s and conducted metal plating operations during that time. FLV, LLC, purchased the site in April 1997 during a State of Michigan public land auction. In December 1999, Arrow Performance Plastics Sales, LLC, purchased the property and conducted plastic shredding and handling at the site, including the use of hazardous substances that differed from those used by Buckeye Products.

Since the 1980s, there have been multiple environmental investigations conducted at the Site by various regulatory Agencies. These investigations have focused on RCRA closure issues, remaining soil contamination on the property, and groundwater contamination both on- and off-site. For several years, U.S. EPA's RCRA and Brownfield programs have been heavily involved with the City of Adrian in an attempt to assist the City with redevelopment of the Site.

The final stages of cleanup and soil removals have taken place via a CERCLA Brownfields grant of \$200K in addition to a matching County of Lenawee/City of Adrian MI grant of \$20k each. This property is owned by the County of Lenawee MI via a county property tax reversion.

Contamination:

Trichloroethylene (TCE), Dichloroethylene, (DCE) , Vinyl Chloride, Benzene, Toluene, Ethylbenzene and Xylene (BTEX), chromium, nickel, lead and cyanide.

Brian P. Freeman is the technical contact for the Buckeye Products facility. He can be reached at (312) 353-2720.

General Needs:

Project work will consist of brief review of Buckeye's technical documents related to the locations for potential sampling. Work would also include preparation of a site specific sampling plan and a visit to the site in for the purpose of conducting groundwater and soil gas sampling.

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Briefly review and provide questions to the Technical Contact about any potential questions related to the sampling. EPA will make arrangements for the delivery of relevant documents to the contractor.

01-03) Using the generic Quality Assurance Project Plan QAPP prepared for this contract, prepare a Buckeye-specific sampling and analysis plan (SAP) of the facility for the samples outlined in Task **1-04** below.

01-04) After EPA approves the SAP, Contractor shall participate in 1 site visit lasting 2 days, to conduct sampling of approximately five (5) groundwater monitoring wells for VOCs and metals, and gather approximately twelve (12) soil gas samples for VOCs. EPA anticipates the need for a two person sampling team. Contractor should be prepared to supply bottles and other equipment necessary to complete this project. Subject to Central Regional Lab (CRL) availability, contractor shall be prepared to send groundwater and soil gas samples from the facility and ship these samples to the Region 5 CRL. If CRL is not able to provide analysis for the samples, contractor's subcontract lab will be required to analyze the samples. Please note: It is anticipated that the Region 5 CRL will do the analysis, and contractor proposals should reflect this.

Complexity Level:

The Buckeye Products project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 No deliverables

Task 01-03 Within 20 days of receipt of documents, Contractor should provide one written and one electronic copy of the sampling and analysis plan to the task order representatives. Revised deliverables shall be 7 days.

Task 01-04 Within 15 days of the sampling event, Contractor should provide a report documenting the results of the sampling event.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|---|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 09/23/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5515 | | 4. REQUISITION/REFERENCE NO. | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| 16. DISCOUNT TERMS | | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 Corrective Action Support at US Steel This Time-and-Material Task Order is hereby initiated approving the contractor's proposal dated Spetember 4, 2013 in the Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------|----------------------|--------------|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$0.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | \$178,683.44 | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Derek Davis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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| DATE OF ORDER 09/23/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5515 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>amount of \$178,683.44. Funding is not currently available at task order award, but will be made available through a modification to this task order.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 09/23/2013 to 09/12/2014</p> <p>Corrective Action Support for US Steel</p> <p>Accounting Info: 13-14-0-0-0-0 BFY: 13 EFY: 14 Fund: 0 Budget Org: 0 Program (PRC): 0 Budget (BOC): 0 Funding Flag: Partial Funded: \$0.00</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
U.S. Steel Corporation**

Zone 2 RCRA Enforcement and Permitting Assistance 5 (REPA 5)

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CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates
REGION 5 TASK ORDER NUMBER: TO **5515**
OPTION PERIOD 1

I. **Title** Corrective Action Support for U.S. Steel Corporation Facility (USS)

II. **Contract Officer Representatives**

Contract Level Task Order Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Task Order Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 and 2 of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through 09/12/2014.

V. **Objective/Purpose**

This task order describes the oversight tasks for which U.S. EPA Region 5 anticipates needing contractor support at the U.S. Steel Corporation Facility. Specifically, this task order requests the contractor to: (1) review and provide comments on workplans and reports related to corrective action work at Solid Waste Management Areas (SWMAs) at Gary Works, (2) participate in site visits to the SWMAs to observe work and split samples, and (3) attend meetings to discuss comments.

VI. **Description of Tasks to be Performed By Contractor**

Background:

USS is a fully-integrated steel mill that has operated for over 100 years. The Gary Works facility is subject to the requirements of a RCRA 3008(h) Administrative Order on Consent that was issued by the United States Environmental Protection Agency (U.S. EPA) on October 23, 1998. The Order requires performance of a RCRA Facility Investigation, Corrective Measures Study, Corrective Measures Implementation, and Interim Measures. USS is situated on 4,000 acres with the northern boundary sharing approximately 7 miles of coastline with Lake Michigan. The facility is bounded to the east by the Indiana Dunes National Lakeshore and to the south, in part, by the Grand Calumet River. Hundreds of solid waste management units and areas of concern have been identified. The facility has been organized into Solid Waste Management Areas (SWMAs) to ease project implementation.

Task 01 – Review Corrective Action Documents for Gary Works SWMAs

USS is performing multiple investigations to characterize contamination in environmental media at Gary Works. Investigations are conducted according to workplans provided by USS for EPA review and approval. Investigations are documented in reports. Interim measures may follow these investigations to mitigate risk. Interim measures are proposed by USS in workplans submitted for EPA review and approval. Work completed is documented in Reports, also submitted to EPA for review and approval.

For example, contaminated groundwater is discharging into the East Lake Breakwater within Lake Michigan. An interim measure is in place and operating, but will need to be expanded and its methodology revised as necessary to address areas that may serve as source areas for chemical migration to groundwater or pose a risk to human health or the environment.

General Needs:

Support is necessary to review specific documents related to contamination at the facility. These documents may include, but are not limited to workplans to conduct contaminant characterization, risk evaluation, interim measures or final remedy

evaluation/implementation; and reports, documenting the work performed; and subsequent document revisions.

Specific Needs:

1. If not already familiar with the SWMAs, the Contractor shall review necessary historic documents including those listed in Attachment 1, to gain a comprehensive understanding of the area and its on-going investigations and interim measures. These documents, and others related to the USS facility can be found in the U.S. EPA Region 5 file room located in its Chicago office.

2. The Contractor shall review investigation and interim measures workplans and reports (including revisions) for SWMAs at the facility. Documents include, but are not limited to: East Side Investigation Reports (example: Six Priority Area Investigations), East Side Interim Measure Workplan (Phase II) and Reports, East End (including Grand Calumet Lagoon and Buffer Zone investigations and corrective measures study), East Lake Investigation and Human Health and Ecological Evaluation, HWD-2/Refuse Area Closure Plan, Perimeter Groundwater Monitoring Reports, Groundwater Use Designation, Buchanan Street Basins, West End, and C-Lot Phase I Reports, West Side investigation workplan and reports, Corrective Action Management Unit (CAMU) operations, monitoring, and maintenance reports (Including spray system), and CAMU Use requests. The Contractor will evaluate the Workplans and Reports for technical adequacy, quality assurance, and risk evaluation. For the purpose of this assignment, the Contractor should assume there will be 12 distinct documents to review, half of moderate complexity and the other half of high complexity. There will also be a review of revisions for each document.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

Comments and recommendations included in the document review report provided by the Contractor shall meet the standards described in this section. Comments and recommendations shall:

- Be based on sound science, clearly supported by one or more lines of evidence and/or applicable Federal, state and other pertinent standards, guidelines, policies and/or regulations. The Contractor shall clearly reference the source of supporting information in the document by citing the page, paragraph, title and location of the source.
- Consider all applicable information available relative to facility history, previously collected data, and environmental conditions and reference this information as described in Attachment I.

- Evaluate interim measure proposals and spot check design calculations to assess accuracy and quality of design activities.
- Evaluate whether the rate, concentration, and extent (i.e., horizontal and vertical) of soil and groundwater contamination was fully characterized. Guidelines such as U.S. EPA Regional Screening Levels and site-specific soil screening values will be used to highlight areas requiring further evaluation.
- Evaluate the use of adequate Quality Assurance/Quality Control procedures during investigations.
- State additional work needed to enhance characterization of soil and groundwater contamination.

Task 02 – Site Visits to USS

General Needs:

As part of the review, site visits will be conducted to observe field conditions and sample placement.

Specific Needs:

1. Approximately 7 site visits will be conducted by up to 2 people. At least one trip will involve splitting samples with USS, assuming a total of 20 sample locations. Analysis of the split samples are expected to take place at Region 5's Central Regional Lab (CRL). Within 15 days of each site visit, a short oversight report should be provided documenting a summary of the field observations and a photo log. Travel is anticipated to Gary, Indiana for up to 2 people for 7 trips, for an estimated total of 28 field days.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

Task 03 – Attend Meetings Related to the Corrective Action Program

General Needs:

Contractor will attend meetings to with U.S. EPA and USS representatives to discuss Workplan and Report summary reviews.

Specific Needs:

1. Meetings will be attended by up to three contractors and will take place in Chicago or in Gary, IN. It is anticipated that there will be 10 meetings, each lasting a full day. In addition, it is expected that up to 15 conference calls will take place, each lasting a half day.

Complexity Level:

This project is expected to be moderately to highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

VII. **Technical Direction**

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

VIII. **Schedule of Deliverables**

Task 01 Contractor shall review documents and provide written comments in the form a short letter report within 30 calendar days of receipt. For revised documents, the deliverable is due within 15 days of receipt.

Task 02 Within 15 days of each field visit, Contractor will provide a photo log and summary of observations that impact investigation and remedial design. This should be in the form a short letter report.

Task 03 There are no deliverables required for Task 3.

Attachment I Historic Documents

In order to gain a comprehensive understanding of the site, the following historic documents should be reviewed. Note that some documents contain substantial appendices with additional background studies. These documents can be found in the U.S. EPA Region 5 file room.

1. RCRA 3008(h) Order on Consent (1998) and Attachments.
2. Facility-Wide Hydrologic and Current Conditions Report (1997) (14 volumes)
3. RCRA Facility Assessment (1987)
4. Aerial Photographic Analysis (U.S. EPA, 1999)
5. Land Use Designation Report (2003)
6. Facility-Wide Site Conceptual Model and SWUM and AOC Inventory (2002)
7. Baseline Slag Sampling and Analysis Plan (2003)
8. Process Sewers Phase I Report (2003)
9. Limited Coke Oven Gas Line Drip Leg Pits Investigation (2006)
10. Facility-Wide Quality Assurance Project Plan
11. Historical Slag Information Report (2002)
12. Perimeter Groundwater Monitoring Report (2002)
13. East Side Groundwater SWMA Phase II Sampling and Analysis Plan (2002)
14. Status Report Coke Plant Groundwater Additional Work (2002)
15. 2003 Coke Plant Focused Groundwater Investigation (2003)
16. East Side Groundwater SWMA Data Submittal Report (2004)
17. East Lake SWMA Breakwall Area Phase I Data Submittal (2005)
18. East Lake Breakwater Addendum to the East Lake SWMA Phase I Report (2006)
19. Facility-wide RFI Reports (various dates)
20. Facility-wide RCRA Closure plans and reports (various dates)
21. Self-Implementing Interim Stabilization Measures Documents-Benzene Plume (2009)
22. East Side Interim Measures Workplan (2011)
23. Perimeter Groundwater Report (2012)
24. East Lake Breakwater Plans and Reports (2010-2012)
25. Baseline Ecological Risk Assessment and Workplan (2012)

EP-W-12-032 TASK ORDER 5515 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|--------------|---------------------|
| BASE | | 9/23/2013 | \$0.00 | \$178,683.44 |
| 007 | Funding Only Action | 1/12/2015 | (\$4,515.54) | \$0.00 |
| 006 | Funding Only Action | 7/29/2014 | \$13,000.00 | \$0.00 |
| 005 | Funding Only Action | 7/15/2014 | \$2,274.00 | \$0.00 |
| 004 | Funding Only Action | 5/14/2014 | \$30,000.00 | \$0.00 |
| 003 | Funding Only Action | 3/31/2014 | \$2,791.00 | \$0.00 |
| 002 | Funding Only Action | 11/22/2013 | \$39,520.73 | \$0.00 |
| 001 | Funding Only Action | 9/26/2013 | \$10,000.00 | \$0.00 |
| | | | | \$178,683.44 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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|--|--|---|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 11/06/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5516 | | 4. REQUISITION/REFERENCE NO. | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE SRRPOD | |

| | | | | | |
|---|--|------------------------------|--|--|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| 16. DISCOUNT TERMS | | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | DUNS Number: 825211824 Corrective Action Support at Ansul and 2 Others This Time-and-Material Task Order is hereby initiated approving the contractor's Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------|----------------------|--------------|---------------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$0.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | \$122,102.06 | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Derek Davis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES

SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 11/06/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5516 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>proposal dated October 28, 2013 in the amount of \$122,102.06. Funding is not currently available at task order award, but will be made available through a modification to this task order.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 11/06/2013 to 09/12/2014</p> <p>Corrective Action Support at Ansul and 2 Others</p> <p>Accounting Info: 13-14-0-0-0-0 BFY: 13 EFY: 14 Fund: 0 Budget Org: 0 Program (PRC): 0 Budget (BOC): 0 Funding Flag: Partial Funded: \$0.00</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
Ansul, Inc., Marinette, WI
Refined Metals, Beach Grove, IN
RACER Buick City, Flint, MI**

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5516**

I. **Title** Corrective Action Support for Ansul, Inc., Marinette, WI and 2 Additional Facilities

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2014.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 3 priority projects within Region 5. The support is namely document reviews, field oversight, sampling and meeting support. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Completion of Document Reviews, Field Oversight, and Meeting Support for Ansul, Inc., Marinette, WI

Background:

Ansul, Inc. is located at 1 Stanton Street Marinette, WI 54143. Ansul, Inc., (EPA ID# 006 125 215), owned by TYCO International, entered into an Administrative Order on Consent (AOC) in February, 2009 to cleanup on-site and off-site contamination resulting from past operations. While the sources of contamination, mostly arsenic containing salts, have been contained as the first components of the AOC, the bulk of remediation will result when sediment dredging in the Menominee River is completed. The AOC requires sediment be removed containing greater than or equal to 50 ppm arsenic. The sediment consists of a "soft layer" overlying river sediment, mostly sands and some silts and gravels (semi-consolidated). TYCO is willing to remove the soft sediment layer, however is balking at removing the semi-consolidated in the Alternative work plan. A clause in the AOC allows the company to propose an alternative "cap" for areas where clean natural sediment (less than 20 ppm As) overlays (caps) arsenic contaminated sediment provided it provides equivalent environmental protection and is legally implementable.

Mike Mikulka is the technical contact for the Ansul facility. He can be reached at (312) 886-6760.

General Needs:

The support necessary involves the review of technical documents related to this facility, field oversight, and related meeting/conference call support.

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) If not already familiar with the Ansul, Inc. facility in Marinette, Wisconsin, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

01-03) Contractor shall provide a detailed technical review of the following documents related to Ansul:

A) Dredging Completion Report

B) Review of 5 Year Site Remedy

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

01-04) Participation in up to six (6) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

01-05) Contractor shall plan on participating in five oversight visits, each lasting 2 days. This shall require overnight travel to Marinette, Wisconsin, for one individual for five separate trips. Although not anticipated at this time, EPA may request contractor to take split samples. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The Ansul project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 No deliverables.

Task 01-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for documents A – B, and other supplemental documents. Deliverables for revised document reviews shall be 15 days.

Task 01-04 No deliverables.

Task 01-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

Task 02 – Completion of Document Reviews Field Oversight and Meeting Support for Refined Metals, Beech Grove, Indiana

Background:

Refined Metals Corporation (IND 000 718 130) is performing environmental corrective action at its facility in Beech Grove, Indiana. The corrective action is being performed under the authority of the Resource Conservation and Recovery Act (RCRA). The RMC facility is located at 3700 South Arlington Avenue in Marion County, Beech Grove, Indiana, approximately four miles south-southeast of downtown Indianapolis. The site occupies approximately 24 acres, of which approximately 10 acres represented the active manufacturing area (including paved areas and buildings). The former manufacturing area is characterized by nearly 80,000 square feet of structures consisting of the battery breaker, a wastewater treatment plant, a filter press, material storage areas, a blast furnace, a dust furnace, a metal refining area, a warehouse and offices. In addition, there are four baghouses, a vehicle maintenance structure, and five stormwater pump houses. Following the conclusion of the facility investigations, high levels of arsenic and lead were detected in the onsite soils and in the groundwater beneath the site. Samples of soil, sediments and groundwater were analyzed for other metals, but only lead and arsenic concentrations exceeded risk-based threshold criteria. Therefore, lead and arsenic were identified as contaminants of interest at the RMC facility.

Proposed remedies consist of 3 remedial alternatives. The first alternative includes excavation of highly contaminated soils and sediments, demolition of the Material Storage building, the Battery Breaker Unit, the Filter Press building, the Waste Water treatment building and placement of institutional control on the facility. The second alternative includes the incorporation of the excavated soils and sediments and materials from the demolition in an on-site cell. The third alternative is Monitored Natural Attenuation which includes implementation of a Groundwater Performance Monitoring program to demonstrate the stabilization and long-term shrinkage of the contaminant plume.

The Technical Contact, Jon Adenuga can be reached at (312) 886-7954.

General Needs:

The support necessary involves the review of technical documents related to this facility and related meeting/conference call support.

Specific Needs:

02-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) If not already familiar with the Refined Metals facility in Beach Grove, Indiana the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

02-03) Contractor shall provide a detailed technical review of the following documents related to Refined Metals:

A) The CMI Report

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

02-04) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

02-05) Contractor shall plan on participating in two oversight visits, each lasting 3 days. This shall require overnight travel to Beach Grove, Indiana, for one individual for two separate trips. Although not anticipated at this time, EPA may request contractor to take split samples. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The Refined Metals project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 No deliverables.

Task 02-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for documents A. Deliverables for revised document reviews shall be 15 days.

Task 02-04 No deliverables.

Task 02-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

Task 03 – Completion of Document Reviews, Field Oversight and Meeting Support for RACER Buick City, Flint, Michigan

Background:

Motors Liquidation Company (MLC, formerly known as General Motors Corporation) was in bankruptcy, and has submitted various technical documents related to the construction and demolition activities at the MLC sites. MLC has provided Region 5 with access to several documents that provide information about the contamination at these sites. The RACER Trust was created in March 2011 by a U.S. Bankruptcy Court to clean up and position for redevelopment properties and other facilities owned by the former General Motors Corp. before its 2009 bankruptcy.

Past Operations

Portions of the Site (MID 005 356 712) were originally developed in the late 1800s to produce the “horseless carriage.” In 1903, the Buick Motor Company was relocated from Detroit to the Site, In addition to the manufacturing of automobiles, in response to World War I, the Buick Motor Company began producing the Liberty Aircraft engine in 1918. Similarly, in response to World War II, the production of automobiles was stopped in 1942, and the Buick complex was converted for the production of military equipment. Site operations have included machining of ferrous and nonferrous metals, V-6 engine manufacturing, torque converter manufacturing, transmission components manufacturing, engine assembly, and industrial wastewater treatment. All of these processes were terminated at the end of 2010.

Contamination

A variety of contaminants have been identified at the Site, including 15 LNAPL areas some with PCB contamination. Soils on-site are contaminated with metals, VOCs and SVOCs. Groundwater is contaminated with VOCs, SVOCs and dissolved metals. Surface water VOC impacts from storm sewer outfalls. These contaminants are being addressed as part of the remedial implementation process for the Southend and remedial measures will be proposed to address the contaminants as part of the Northend Statement of Basis.

Current Status

All of the site structures on the site have been decommissioned and demolished. A six-foot high security fence topped with barbed wire is located along the perimeter of the Site and all gates are locked when the Site is inactive.

An Administrative Order on Consent (AOC) between US EPA and RACER was signed September 2011, this AOC requires RACER to continue implementation of the previously selected final remedy for the Southend of the site and the forthcoming final remedy for the Northend of the site. The site was split into a Northend and a Southend, divided by Leith Street. The Final Decision for the Southend was issued on May 13, 2010. The Northend Statement of Basis is anticipated to be public noticed in the fall. There is a Multiphase Extraction system in place at AOI-9B soon to be started in early September. There are on-going storm water sewer studies. A Light Induced Fluorescence (LIF) study to delineate the boundaries of LNAPL impact will begin in early September to delineate edges of LNAPL plumes.

The Technical Contact, Chris Black can be reached at (312) 886-1451.

General Needs:

The support necessary involves the review of technical documents related to this facility, field oversight and related meeting/conference call support.

Specific Needs:

03-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03-02) If not already familiar with the RACER Buick City facility in Flint, Michigan, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room.

03-03) Contractor shall provide a detailed technical review of the following documents related to RACER Buick City:

A) LNAPL Remedy Design and Analysis

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

03-04) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

03-05) Contractor shall plan on participating in two oversight visits, each lasting 3 days. This shall require overnight travel to Flint, Michigan, for one individual for two separate trips. Although not anticipated at this time, EPA may request contractor to take split samples. A short letter report supplemented with photos should document the findings of the oversight visit. Should major deviations in plans occur, the Contractor should notify the EPA technical representative.

Complexity Level:

The RACER Buick City project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity.

Performance Standard:

The Contractor should refer to Task 1 and Task 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03-01 No deliverables.

Task 03-02 No deliverables.

Task 03-03 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for document A. Deliverables for revised document reviews shall be 15 days.

Task 03-04 No deliverables.

Task 03-05 Within 15 days of completion of each oversight, Contractor should provide one written and one electronic copy of the short letter report to the task order representatives.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the RTOCOR, Contracting Officer and Contract Specialist.

EP-W-12-032 TASK ORDER 5516

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|---------------------|
| BASE | | 11/6/2013 | \$0.00 | \$122,102.06 |
| 008 | Funding Only Action | 10/22/2014 | (\$20,997.16) | \$0.00 |
| 007 | Funding Only Action | 9/9/2014 | \$20,000.00 | \$0.00 |
| 006 | Funding Only Action | 5/14/2014 | \$30,000.00 | \$0.00 |
| 005 | Funding Only Action | 3/28/2014 | \$10,000.00 | \$0.00 |
| 004 | Funding Only Action | 2/18/2014 | \$20,000.00 | \$0.00 |
| 003 | Funding Only Action | 1/24/2014 | \$4,618.80 | \$0.00 |
| 002 | Funding Only Action | 1/24/2014 | \$13,355.37 | \$0.00 |
| 001 | Funding Only Action | 11/12/2013 | \$20,000.00 | \$0.00 |
| | | | | \$122,102.06 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|---|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 11/21/2013 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5517 | | 4. REQUISITION/REFERENCE NO. | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE | |

| | | | | | |
|---|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT Destination | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| | | | | 16. DISCOUNT TERMS | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 Task Order 5517 CA Support for American Metals, Westlake, OH, Arizona Chemical, Dover, OH, AK Steel, Mansfield, OH and 2 Additional Facilities Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------------|-----------------|-------------------|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$181,639.24 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | \$181,639.24 |
| c. CITY Durham | | | d. STATE NC | e. ZIP CODE 27711 | | 17(i) GRAND TOTAL | |

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)
Derek Davis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 11/21/2013 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5517 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>This Time and Material Task Order is hereby initiated approving the contractor's proposal dated October 30, 2013 in the amount of \$181,639.24. Funding is not currently available at task order award, but will be made available through a modification to this task order.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 11/21/2013 to 09/12/2014</p> <p>CA Support for American Metals, Westlake, OH, Arizona Chemical, Dover, OH, AK Steel, Mansfield, OH and 2 Additional Facilities</p> <p>Accounting Info: 13-14-0-0-0-0-0 BFY: 13 EFY: 14 Fund: 0 Budget Org: 0 Program (PRC): 0 Budget (BOC): 0 Job #: 0 Funding Flag: Partial Funded: \$0.00</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p> | | | | 181,639.24 | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$181,639.24

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
American Metals, Westlake, OH
Arizona Chemical, Dover, OH
AK Steel, Mansfield, OH
2 Additional Facilities**

=====

CONTRACT NUMBER: EP-W-12-031 or 032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Booz Allen & Hamilton or Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5517**

- I. **Title** Corrective Action Support for American Metals, Westlake, OH, Arizona Chemical, Dover, OH, AK Steel, Mansfield, OH and 2 Additional Facilities

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2014.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 5 priority corrective action projects within Region 5. The support is namely document reviews/document preparation, field oversight, sampling and meeting support. This support may also include conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Review of Technical Documents and Site Visits at American Metals, Westlake, Ohio

Background:

American Metals (AM) (OHD 004 528 873) is located in Westlake, Ohio. Over the past few years EPA's selected remedy has been partially completed. The remedy includes landfill removal, institutional controls, and groundwater and sediment monitoring. AM is seeking to revise the groundwater monitoring program and complete additional ecological analysis for sediments.

Tammy Ohl is the technical contact for the American Metals facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AM's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of reports related to the corrective action implementation. This will include

the review of at least two groundwater reports, and an ecological remedy report. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

01-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

01-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 2 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The American Metals project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Revised deliverables shall be 15 days.

Task 01-03 No deliverables.

Task 01-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 02 – Review of Technical Documents and Site Visits at Arizona Chemical, Dover, Ohio

Background:

Arizona Chemical (AC) (OHD 004 209 094) is located in Dover, Ohio. The facility is bounded by the Tuscarawas River and industrial and residential properties. Over the past few years EPA's selected remedy has been partially completed. The remedy includes soil excavation, capping, groundwater extraction, and institutional controls. AC is seeking to revise the groundwater remedy and establish universal environmental covenants.

Tammy Ohl is the technical contact for the Arizona Chemical facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AC's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

02-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of reports related to the corrective action implementation. This will include the review of the remedy and operation and maintenance reports/workplans. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

02-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

02-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 2 days each. One staff is adequate.

If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The Arizona Chemical project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 02-03 No deliverables.

Task 02-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 03 – Review of Technical Documents and Site Visits at AK Steel, Mansfield, Ohio

Background:

AK-Steel (OHD 004 157 418) has conducted investigations at its Mansfield, Ohio site pursuant to a 1998 RCRA Section 3013 Order. The 550 acre facility is located at 913 Bowman Street in Mansfield, Ohio. Two phases of investigation have been conducted by the facility. According to the 2007 Phase I/II Report, investigations were necessary at the Slag Processing Area, Closed Electric Arc Furnace Dust Landfill, Ravine, Water Recirculation Reservoir/Skimmed Oil Tank Area, Spent Pickle Liquor Release Area, Spent Acid Holding Tank Area, Former raw material coke pile, and Rocky Fork Creek. A Phase III Scope of Work was submitted in 2010 to conduct additional investigations to further define the extent of contamination, evaluate risk (human and ecological), and gather information to support remedy evaluation. The document was reviewed and comments provided, but it does not appear to be finalized.

Tammy Ohl is the technical contact for the Arizona Chemical facility. She can be reached at (312) 886-0991.

General Needs:

The Contractor is needed to provide technical support for the review of documents and field oversight in the next phase of investigation at the AK Steel Mansfield facility.

Specific Needs:

03-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments on facility investigation reports. This will include the review of a phased RFI workplan and facility reports. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

03-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

03-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 2 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The AK Steel project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03-01 No deliverables.

Task 03-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 03-03 No deliverables.

Task 03-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 04 – Task 05 Review of Technical Documents and Other Site Characterization Activities for 2 Additional Region 5 Facilities

Background:

For the purposes of this task order, the Contractor shall assume support will be needed at 2 additional Region 5 sites. It should be assumed that one site will be located in or around Detroit, Michigan and one site will be located in or around Cleveland, Ohio. The specific requirements for each of these facilities will be issued by technical direction memoranda (TDM). The technical contacts will also be identified in the TDM.

General Needs:

The support necessary will involve the review/preparation of documents, and/or the gathering of samples and oversight visits. These are tasks consistent with Tasks 1 and 2 of the contract PWS.

Specific Needs:

04 thru 05-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

04 thru 05-02) If not already familiar with the particular facility, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room. Contractor shall provide a detailed technical review of two documents of moderate complexity for each of the two additional facilities. Consistent with this task order, EPA may request the preparation of documents related to conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for each facility.

04 thru 05-03) Participation in up to four (4) meetings/conference calls will be needed for each facility to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

04 thru 05-05) Contractor shall conduct field oversight at each of the two additional facilities. Field oversight should require overnight travel for 6 days in two trips at each facility. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

These facilities are expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 04 thru 05-01 No deliverables.

Task 04 thru 05-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 04 thru 05-04 No deliverables.

Task 04 thru 05-05 Within 15 days of each oversight, contractor shall provide EPA with a short letter report with photos, documenting the results of the oversight visit.

VII. **Technical Direction**

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

EP-W-12-032 TASK ORDER 5517 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|---------------------|
| BASE | | 11/21/2013 | \$0.00 | \$181,639.24 |
| 005 | Funding Only Action | 1/12/2015 | (\$29,158.55) | \$0.00 |
| 004 | Funding Only Action | 7/29/2014 | (\$13,000.00) | \$0.00 |
| 003 | Funding Only Action | 5/15/2014 | \$35,000.00 | \$0.00 |
| 002 | Funding Only Action | 3/28/2014 | \$6,000.00 | \$0.00 |
| 001 | Funding Only Action | 12/4/2013 | \$35,754.58 | \$0.00 |
| | | | | \$181,639.24 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 2

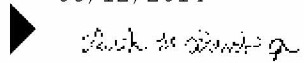
IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 08/12/2014 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5522 | | 4. REQUISITION/REFERENCE NO. PR-R5-14-00467 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE SRRPOD | |

| | | | | | |
|---|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| | | | | 16. DISCOUNT TERMS | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|--|--|---------------------------|----------------------|-------------------|---------------|---------------------------|
| | DUNS Number: 825211824 Corrective Action Support for Mansfield Foundry, Mansfield, OH, CountryMark Cooperative, LLC, Mount Vernon, IN, and 5 Additional Facilities Continued ... | | | | | |
| 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| 21. MAIL INVOICE TO: | | | | | | |
| a. NAME RTP Finance Center | | \$0.00 | | | | 17(i) GRAND TOTAL |
| b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | |
| c. CITY Durham | | d. STATE NC | e. ZIP CODE 27711 | | \$288,407.44 | |

| | | | |
|--|--|------------|--|
| 22. UNITED STATES OF AMERICA BY (Signature)  | | 08/12/2014 | 23. NAME (Typed) Derek Davis TITLE: CONTRACTING/ORDERING OFFICER |
|--|--|------------|--|

ELECTRONIC SIGNATURE

ORDER FOR SUPPLIES OR SERVICES

SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 08/12/2014 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5522 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>This Time-and-Material Task Order is hereby initiated approving the contractor's proposal dated July 25, 2014 in the amount of \$288,407.44. Funding in the amount of \$25,000.00 is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 08/12/2014 to 09/12/2014</p> <p>Corrective Action Support for Mansfield Foundry, Mansfield, OH, CountryMark Cooperative, LLC, Mount Vernon, IN, and 5 Additional Facilities</p> <p>Accounting Info: 14-15-B-05Q-303D99-2505-1405QFX508-001 BFY: 14 EFY: 15 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1405QFX508-001 Funding Flag: Complete Funded: \$25,000.00</p> <p>The obligated amount of award: \$25,000.00. The total for this award is shown in box 17(i).</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

Performance Work Statement
Technical Support at Honeywell, Inc.

Zone 2 RCRA Enforcement and Permitting Assistance 5 (REPA 5)

=====

CONTRACT NUMBER: EP-W-12-031 or 032

CONTRACT NAME: REPA 5

CONTRACTOR NAME: Booz Allen & Hamilton, or Toeroek, Associates

REGION 5 TASK ORDER NUMBER: TO **5522**

- I. **Title** Technical Support at Honeywell, Inc. – Unsaturated Zone Groundwater Modeling Support

II. **Contract Officer Representatives**

Contract Level Task Order Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Task Order Contract Officer Representative (CLCOR)

Brian Freeman, LU-9J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through 09/12/2014.

V. **General Needs**

The contractor shall support EPA Region 5 by providing the expertise necessary to perform scientific modeling and visualization, data processing, and information management activities in the areas of geology, hydrology, hydrogeology, and contaminant fate and transport for the Honeywell, Metropolis site.

VI. **Description of Tasks to be Performed By Contractor**

Background:

In the mid 1980s, Congress enacted statutory requirements for the design and operation of surface impoundments and landfills that have since come to be called the Minimum Technological Requirements (a.k.a. MinTech or MTR). Honeywell's predecessor had constructed five surface impoundments in the mid 1970s to contain a calcium fluoride sludge that was both a hazardous waste due to corrosivity and mildly radioactive. Since the ponds were not constructed to meet MinTech, Honeywell's predecessor asked for a waiver of the standard. The waiver was ultimately granted based on geotechnical data collected and groundwater modeling assuming the impoundments would be removed (cleaned out) by the year 2020.

Over the life of the impoundments, the top plastic liner leaked many times into the leachate collection system. At the Agency's request, soil moisture monitoring plans were put in place to monitor pore water in the unsaturated zone for signs of leakage through the 15-foot native soil liner (under the plastic liner and collection system). These plans specified that lysimeters be placed under the soil liner. In 2011, a lysimeter sample exceeded a trigger level and the facility followed with a study to evaluate the significance of the exceedence. A study was prepared and submitted by Honeywell recommending no further action.

In 2012, Honeywell informally proposed solidifying the material and leaving it in place permanently instead of removing the sludge. This would require modifying the waiver and the RCRA permit. They have proposed an outline for modeling the scenario to support the proposal.

Task 01-01 - Attend Initial Meeting with U.S. EPA Region 5

To initiate the activities at the facility, the Contractor should plan on attending an initial meeting with Region 5 staff. This meeting is expected to last about a half day and will be held in Region 5 offices in Chicago. Alternatively, the meeting can be held by phone.

Task 01-02 – Development of Conceptual Models

Contractor shall assist EPA Region 5 in the development of conceptual models through the collection, processing, interpreting, and preparing visualizations of scientific data from literature reviews and field investigations in the areas of geology, hydrogeology, subsurface contaminant transport and fate, and ecology.

Task 01-03 - Perform Computer Modeling

Contractor shall perform computer modeling in the areas of hydrogeology, bioremediation, and contaminant fate and transport in the subsurface using existing computer codes and developing or modifying such numerical codes.

Task 01-04 – Technical Review Assistance

Contractor shall also provide technical review assistance on the applicability and credibility of conceptual models and computer models applied at Superfund, RCRA and other hazardous waste sites;

The computer models already proposed by Honeywell include:

USGS' VS2DT;
U.S. EPA's Hydrologic Evaluation of Landfill Performance (HELP);
HYDRUS-1D version 4.14 (J.Simunek, M.Th. van Genuchten, and M. Senja, 2008); and
USDA's CXTFIT, version 2.1, (N. Toride, Leij, FJ, and van Genuchten, M.Th., 1999).

The original modeling (1986) was performed using FEMWATER-1: a Finite-Element Model of Water Flow Through Saturated-Unsaturated Porous Media – First Revision (Yeh, G.T., 1982).

Numerous additional models are available at U.S. EPA's Center for Subsurface Modeling Support at: <http://www.epa.gov/NRMRL/gwerd/csmos/>

Task 01-05 – Attend Meetings with EPA

As needed, Contractor shall expect to participate in 2 teleconferences/meetings to discuss project status and/or specific issues related to the Honeywell project. Meetings are expected to last 2 hours each and will be held in Chicago. Alternately, the meetings can be held by phone.

Complexity Level:

This project is expected to be highly complex. The Contractor should refer to the contract PWS for examples of the complexity levels.

Performance Standard:

The Contractor should refer to the contract PWS for a description of the performance measures and quality assurance requirements of this task.

VII. **Technical Direction**

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

VIII. **Schedule of Deliverables**

Task 01-01 There are no deliverables required for this task.

Task 01-02

Task 01-03.

Task 01-04

Task 01-05 There are no deliverables required for this task.

EP-W-12-032 TASK ORDER 5522 MOD SUMMARY

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-----------------------------|------------|---------------|---------------------|
| BASE | | 8/12/2014 | \$25,000.00 | \$288,407.44 |
| 004 | Other Administrative Action | 6/16/2015 | \$0.00 | \$0.00 |
| 003 | Funding Only Action | 6/15/2015 | (\$18,291.16) | \$0.00 |
| 002 | Funding Only Action | 9/19/2014 | \$50,000.00 | \$0.00 |
| 001 | within scope | 9/10/2014 | \$0.00 | \$0.00 |
| | | | | \$288,407.44 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|---|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 10/21/2014 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5526 | | 4. REQUISITION/REFERENCE NO. | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE SRRPOD | |

| | | | | | |
|---|--|------------------------------|--|--|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| 16. DISCOUNT TERMS | | | | | |

17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| | DUNS Number: 825211824 Corrective Action Support at Ansul and 2 Others This Time-and-Material Task Order is hereby initiated approving the contractor's Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------|----------------------|--|---------------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$0.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | | 17(i) GRAND TOTAL |

\$125,875.38

22. UNITED STATES OF

AMERICA BY (Signature)

10/21/2014

Derek Davis

ELECTRONIC SIGNATURE

23. NAME (Typed)

Derek Davis

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 10/21/2014 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5526 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>proposal dated September 26, 2014 in the amount of \$125,875.38. Funding is not currently available at task order award, but will be made available through a modification to this task order.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 10/21/2014 to 09/12/2015</p> <p>Corrective Action Support at Ansul and 2 Others</p> <p>Accounting Info: 14-15-0-0-0-0-0-0 BFY: 14 EFY: 15 Fund: 0 Budget Org: 0 Program (PRC): 0 Budget (BOC): 0 Job #: 0 Cost: 0 Funding Flag: Partial Funded: \$0.00</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p> | | | | | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
Ansul, Inc., Marinette, WI
Refined Metals, Beach Grove, IN
RACER Buick City, Flint, MI**

=====

CONTRACT NUMBER: EP-W-12-032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5526**
OPTION PERIOD 2

I. **Title** Corrective Action Support for Ansul, Inc., Marinette, WI and 2 Additional Facilities

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2015.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 3 priority projects within Region 5. The support is namely document reviews, field oversight, sampling and meeting support. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Completion of Document Reviews, Field Oversight, and Meeting Support for Ansul, Inc., Marinette, WI

Background:

Ansul, Inc. is located at 1 Stanton Street Marinette, WI 54143. Ansul, Inc., (EPA ID# 006 125 215), owned by TYCO International, entered into an Administrative Order on Consent (AOC) in February, 2009 to cleanup on-site and off-site contamination resulting from past operations. While the sources of contamination, mostly arsenic containing salts, have been contained as the first components of the AOC, the bulk of remediation will result when sediment dredging in the Menominee River is completed. The AOC requires sediment be removed containing greater than or equal to 50 ppm arsenic. The sediment consists of a "soft layer" overlying river sediment, mostly sands and some silts and gravels (semi-consolidated). TYCO is willing to remove the soft sediment layer, however is balking at removing the semi-consolidated in the Alternative work plan. A clause in the AOC allows the company to propose an alternative "cap" for areas where clean natural sediment (less than 20 ppm As) overlays (caps) arsenic contaminated sediment provided it provides equivalent environmental protection and is legally implementable.

Mike Mikulka is the technical contact for the Ansul facility. He can be reached at (312) 886-6760.

General Needs:

The support necessary will involve the review/preparation of documents, and/or the gathering of samples and oversight visits. These are tasks consistent with Tasks 1 and 2 of the contract PWS.

Specific Needs:

01-01) Contractor shall attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) If not already familiar with the particular facility, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room. Contractor shall provide a detailed technical review of approximately 4 documents of moderate complexity for this facility. Consistent with this task order, EPA may request the preparation of documents related to conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

01-03) Participation in up to four (4) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

01-04) Contractor shall conduct field oversight at the subject facility. Field oversight should require overnight travel for 6 days in two trips at the facility. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

This work is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 01-03 No deliverables.

Task 01-04 Within 15 days of each oversight, contractor shall provide EPA with a short letter report with photos, documenting the results of the oversight visit.

Task 02 – Completion of Document Reviews Field Oversight and Meeting Support for Refined Metals, Beech Grove, Indiana

Background:

Refined Metals Corporation (IND 000 718 130) is performing environmental corrective action at its facility in Beech Grove, Indiana. The corrective action is being performed under the authority of the Resource Conservation and Recovery Act (RCRA). The RMC facility is located at 3700 South Arlington Avenue in Marion County, Beech Grove, Indiana, approximately four miles south-southeast of downtown Indianapolis. The site occupies approximately 24 acres, of which approximately 10 acres represented the active manufacturing area (including paved areas and buildings). The former manufacturing area is characterized by nearly 80,000 square feet of structures consisting of the battery breaker, a wastewater treatment plant, a filter press, material storage areas, a blast furnace, a dust furnace, a metal refining area, a warehouse and offices. In addition, there are four baghouses, a vehicle maintenance structure, and five stormwater pump houses. Following the conclusion of the facility investigations, high levels of arsenic and lead were detected in the onsite soils and in the groundwater beneath the site. Samples of soil, sediments and groundwater were analyzed for other metals, but only lead and arsenic concentrations exceeded risk-based threshold criteria. Therefore, lead and arsenic were identified as contaminants of interest at the RMC facility.

Proposed remedies consist of 3 remedial alternatives. The first alternative includes excavation of highly contaminated soils and sediments, demolition of the Material Storage building, the Battery Breaker Unit, the Filter Press building, the Waste Water treatment building and placement of institutional control on the facility. The second alternative includes the incorporation of the excavated soils and sediments and materials from the demolition in an on-site cell. The third alternative is Monitored Natural Attenuation which includes implementation of a Groundwater Performance Monitoring program to demonstrate the stabilization and long-term shrinkage of the contaminant plume.

The Technical Contact, Tammy Ohl can be reached at (312) 886-0991.

General Needs:

The support necessary will involve the review/preparation of documents, and/or the gathering of samples and oversight visits. These are tasks consistent with Tasks 1 and 2 of the contract PWS.

Specific Needs:

02-01) Contractor shall attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) If not already familiar with the particular facility, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room. Contractor shall provide a detailed technical review of approximately 4 documents of moderate complexity for this facility. Consistent with this task order, EPA may request the preparation of documents related to conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

02-03) Participation in up to four (4) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

02-04) Contractor shall conduct field oversight at the subject facility. Field oversight should require overnight travel for 6 days in two trips at the facility. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

This work is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 02-03 No deliverables.

Task 02-04 Within 15 days of each oversight, contractor shall provide EPA with a short letter report with photos, documenting the results of the oversight visit.

Task 03 – Completion of Document Reviews, Field Oversight and Meeting Support for RACER Buick City, Flint, Michigan

Background:

Motors Liquidation Company (MLC, formerly known as General Motors Corporation) was in bankruptcy, and has submitted various technical documents related to the construction and demolition activities at the MLC sites. MLC has provided Region 5 with access to several documents that provide information about the contamination at these sites. The RACER Trust was created in March 2011 by a U.S. Bankruptcy Court to clean up and position for redevelopment properties and other facilities owned by the former General Motors Corp. before its 2009 bankruptcy.

Past Operations

Portions of the Site (MID 005 356 712) were originally developed in the late 1800s to produce the “horseless carriage.” In 1903, the Buick Motor Company was relocated from Detroit to the Site, In addition to the manufacturing of automobiles, in response to World War I, the Buick Motor Company began producing the Liberty Aircraft engine in 1918. Similarly, in response to World War II, the production of automobiles was stopped in 1942, and the Buick complex was converted for the production of military equipment. Site operations have included machining of ferrous and nonferrous metals, V-6 engine manufacturing, torque converter manufacturing, transmission components manufacturing, engine assembly, and industrial wastewater treatment. All of these processes were terminated at the end of 2010.

Contamination

A variety of contaminants have been identified at the Site, including 15 LNAPL areas some with PCB contamination. Soils on-site are contaminated with metals, VOCs and SVOCs. Groundwater is contaminated with VOCs, SVOCs and dissolved metals. Surface water VOC impacts from storm sewer outfalls. These contaminants are being addressed as part of the remedial implementation process for the Southend and

remedial measures will be proposed to address the contaminants as part of the Northend Statement of Basis.

Current Status

All of the site structures on the site have been decommissioned and demolished. A six-foot high security fence topped with barbed wire is located along the perimeter of the Site and all gates are locked when the Site is inactive.

An Administrative Order on Consent (AOC) between US EPA and RACER was signed September 2011, this AOC requires RACER to continue implementation of the previously selected final remedy for the Southend of the site and the forthcoming final remedy for the Northend of the site. The site was split into a Northend and a Southend, divided by Leith Street. The Final Decision for the Southend was issued on May 13, 2010. The Northend Statement of Basis is anticipated to be public noticed in the fall. There is a Multiphase Extraction system in place at AOI-9B soon to be started in early September. There are on-going storm water sewer studies. A Light Induced Fluorescence (LIF) study to delineate the boundaries of LNAPL impact will begin in early September to delineate edges of LNAPL plumes.

The Technical Contact, Chris Black can be reached at (312) 886-1451.

General Needs:

The support necessary will involve the review/preparation of documents, and/or the gathering of samples and oversight visits. These are tasks consistent with Tasks 1 and 2 of the contract PWS.

Specific Needs:

03-01) Contractor shall attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03-02) If not already familiar with the particular facility, the Contractor shall plan on reviewing some relevant background information. These documents will be provided to the Contractor or made available in the Region 5 file room. Contractor shall provide a detailed technical review of approximately 4 documents of moderate complexity for this facility. Consistent with this task order, EPA may request the preparation of documents related to conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports will be submitted for this facility.

03-03) Participation in up to four (4) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

03-04) Contractor shall conduct field oversight at the subject facility. Field oversight should require overnight travel for 6 days in two trips at the facility. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

This work is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03-01 No deliverables.

Task 03-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 03-03 No deliverables.

Task 03-04 Within 15 days of each oversight, contractor shall provide EPA with a short letter report with photos, documenting the results of the oversight visit.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the RTOCOR, Contracting Officer and Contract Specialist.

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|--------------------|
| BASE | | 10/21/2014 | \$0.00 | \$125,875.38 |
| 005 | Close Out | 8/3/2016 | (\$2,850.08) | (\$93,569.75) |
| 004 | work within scope | 3/31/2016 | (\$25,000.00) | \$0.00 |
| 003 | Funding Only Action | 8/7/2015 | \$25,000.00 | \$0.00 |
| 002 | Funding Only Action | 1/14/2015 | \$14,158.55 | \$0.00 |
| 001 | Funding Only Action | 10/23/2014 | \$20,997.16 | \$0.00 |
| | | | | \$32,305.63 |

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | | | | |
|--|--|--|--------------------------|---|---------------------------|
| 1. DATE OF ORDER 11/03/2014 | | 2. CONTRACT NO. (If any) EP-W-12-032 | | 6. SHIP TO: a. NAME OF CONSIGNEE Region 5 | |
| 3. ORDER NO. 5527 | | 4. REQUISITION/REFERENCE NO. PR-R5-14-00663 | | | |
| 5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 | | | | b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard | |
| | | | | c. CITY Chicago | e. ZIP CODE 60604-3507 |
| 7. TO: DONNA TOEROEK | | | | f. SHIP VIA | |
| a. NAME OF CONTRACTOR TOEROEK ASSOCIATES, INC. | | | | 8. TYPE OF ORDER | |
| b. COMPANY NAME | | | | <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. | |
| c. STREET ADDRESS 300 UNION BLVD. SUITE 520 7208984101 | | | | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. | |
| d. CITY LAKEWOOD | | e. STATE CO | f. ZIP CODE 802281552 | | |
| 9. ACCOUNTING AND APPROPRIATION DATA See Schedule | | | | 10. REQUISITIONING OFFICE SRRPOD | |

| | | | | | |
|---|--|------------------------------|--|---|--|
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB | | | | 12. F.O.B. POINT Destination | |
| 13. PLACE OF a. INSPECTION Destination | | b. ACCEPTANCE Destination | | 14. GOVERNMENT B/L NO. | |
| | | | | 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) | |
| 16. DISCOUNT TERMS | | | | | |

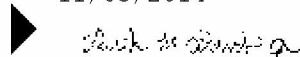
17. SCHEDULE (See reverse for Rejections)

| ITEM NO. (a) | SUPPLIES OR SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|-------------------------|-------------|-------------------|---------------|--------------------------|
| | DUNS Number: 825211824 CA Support at American Metals, AZ Chemical, AK Steel - Mansfield, Ashland - Cal City, and Modineer This Time and Material Task Order is hereby Continued ... | | | | | |

| | | | | | | | |
|-------------------------------------|--|--|---------------------------|----------------|----------------------|--|---------------------------|
| SEE BILLING INSTRUCTIONS ON REVERSE | 18. SHIPPING POINT | | 19. GROSS SHIPPING WEIGHT | | 20. INVOICE NO. | | 17(h) TOTAL (Cont. pages) |
| | 21. MAIL INVOICE TO: | | | | | | |
| | a. NAME RTP Finance Center | | | | | | \$189,014.00 |
| | b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive | | | | | | \$189,014.00 |
| c. CITY Durham | | | | d. STATE NC | e. ZIP CODE 27711 | | 17(i) GRAND TOTAL |

22. UNITED STATES OF AMERICA BY (Signature)

11/03/2014



ELECTRONIC SIGNATURE

23. NAME (Typed)
Derek Davis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES

SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

| | | |
|-----------------------------|-----------------------------|-------------------|
| DATE OF ORDER 11/03/2014 | CONTRACT NO. EP-W-12-032 | ORDER NO. 5527 |
|-----------------------------|-----------------------------|-------------------|

| ITEM NO. (a) | SUPPLIES/SERVICES (b) | QUANTITY ORDERED (c) | UNIT (d) | UNIT PRICE (e) | AMOUNT (f) | QUANTITY ACCEPTED (g) |
|-----------------|---|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001 | <p>initiated approving the Contractor's proposal dated October 2, 2014 in the amount of \$189,014.00. Funding in the amount of \$25,000.00 is provided which the contractor is not authorized to exceed.</p> <p>All other terms and conditions remain unchanged and in full force and effect. TOPO: Allen Wojtas Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460 Period of Performance: 11/03/2014 to 09/12/2015</p> <p>CA Support at American Metals, AZ Chemical, AK Steel - Mansfield, Ashland - Cal City, and Modineer</p> <p>Accounting Info: 14-15-B-05Q-303D99-2505-1405QFX515-001 BFY: 14 EFY: 15 Fund: B Budget Org: 05Q Program (PRC): 303D99 Budget (BOC): 2505 DCN - Line ID: 1405QFX515-001 Funding Flag: Complete Funded: \$25,000.00</p> <p>The obligated amount of award: \$25,000.00. The total for this award is shown in box 17(i).</p> | | | | 189,014.00 | |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$189,014.00

**Performance Work Statement
CORRECTIVE ACTION SUPPORT
American Metals, Westlake, OH
Arizona Chemical, Dover, OH
AK Steel, Mansfield, OH
Ashland Chemical, Calumet City, IL
Modineer, Niles, MI**

=====
CONTRACT NUMBER: EP-W-12-032
CONTRACT NAME: REPA 5
CONTRACTOR NAME: Toeroek Associates, Inc.
REGION 5 TASK ORDER NUMBER: **5527**
OPTION PERIOD 2

- I. **Title** Corrective Action Support for American Metals, Westlake, OH, Arizona Chemical, Dover, OH, AK Steel, Mansfield, OH, Ashland Chemical, Calumet City, IL, and Modineer, Niles, MI

II. **Contract Officer Representatives**

Contract Level Contract Officer Representative (CLCOR)

Allen Wojtas, LP-9J
U.S. EPA Region 5
wojtas.allen@epa.gov
(312) 886-6194
(312) 692-2904

Alternate Contract Level Contract Officer Representative (CLCOR)

Brian Freeman, L-8J
U.S. EPA Region 5
freeman.brian@epa.gov
(312) 353-2720
(312) 385-5421

III. **Authorization**

This Performance Work Statement (PWS) is in accordance with Task 1 (Technical Reviews and Analysis) and Task 2 (Field Oversight, Inspection, Sampling and Data Reviews) of the REPA 5 Zone II Contract PWS.

IV. **Period of Performance**

The period of performance for this Task Order (TO) is from the date of Contracting Officer issuance through September 12, 2015.

V. **Objective/Purpose**

The overall purpose of this TO is to provide corrective action support for 5 priority corrective action projects within Region 5. The support is namely document reviews/document preparation, field oversight, sampling and meeting support. This support may also include conducting investigations, filling data gaps, evaluating 2020 Baseline Sites, or preparing draft Environmental Indicator evaluations and draft Statements of Basis. Documents related to this TO will be delivered to the Contractor in the Chicago office.

VI. **Description of Tasks to be Performed By Contractor**

Task 01 – Review of Technical Documents and Site Visits at American Metals, Westlake, Ohio

Background:

American Metals (AM) (OHD 004 528 873) is located in Westlake, Ohio. Over the past few years EPA's selected remedy has been partially completed. The remedy includes landfill removal, institutional controls, and groundwater and sediment monitoring. AM is seeking to revise the groundwater monitoring program and complete additional ecological analysis for sediments.

Tammy Ohl is the technical contact for the American Metals facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AM's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

01-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

01-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of approximately 4 reports related to the corrective action implementation. This will include the review of at least two groundwater reports, and an ecological remedy report. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

01-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

01-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 3 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The American Metals project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 01-01 No deliverables.

Task 01-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Revised deliverables shall be 15 days.

Task 01-03 No deliverables.

Task 01-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 02 – Review of Technical Documents and Site Visits at Arizona Chemical, Dover, Ohio

Background:

Arizona Chemical (AC) (OHD 004 209 094) is located in Dover, Ohio. The facility is bounded by the Tuscarawas River and industrial and residential properties. Over the past few years EPA's selected remedy has been partially completed. The remedy includes soil excavation, capping, groundwater extraction, and institutional controls. AC is seeking to revise the groundwater remedy and establish universal environmental covenants.

Tammy Ohl is the technical contact for the Arizona Chemical facility. She can be reached at (312) 886-0991.

General Needs:

Project work will consist of review of AC's technical documents related to the remedy implementation and ecological evaluation. Work would also include visits to the site in support of the document reviews and participation in meetings and conference calls

Specific Needs:

02-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

02-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments of approximately 4 reports related to the corrective action implementation. This will include the review of the remedy and operation and maintenance reports/workplans. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

02-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

02-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 3 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The Arizona Chemical project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 02-01 No deliverables.

Task 02-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 02-03 No deliverables.

Task 02-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 03 – Review of Technical Documents and Site Visits at AK Steel, Mansfield, Ohio

Background:

AK-Steel (OHD 004 157 418) has conducted investigations at its Mansfield, Ohio site pursuant to a 1998 RCRA Section 3013 Order. The 550 acre facility is located at 913 Bowman Street in Mansfield, Ohio. Two phases of investigation have been conducted by the facility. According to the 2007 Phase I/II Report, investigations were necessary at the Slag Processing Area, Closed Electric Arc Furnace Dust Landfill, Ravine, Water Recirculation Reservoir/Skimmed Oil Tank Area, Spent Pickle Liquor Release Area, Spent Acid Holding Tank Area, Former raw material coke pile, and Rocky Fork Creek.

A Phase III Scope of Work was submitted in 2010 to conduct additional investigations to further define the extent of contamination, evaluate risk (human and ecological), and gather information to support remedy evaluation. The document was reviewed and comments provided, but it does not appear to be finalized.

Tammy Ohl is the technical contact for the Arizona Chemical facility. She can be reached at (312) 886-0991.

General Needs:

The Contractor is needed to provide technical support for the review of documents and field oversight in the next phase of investigation at the AK Steel Mansfield facility.

Specific Needs:

03-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

03-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments on approximately 4 facility investigation reports. This will include the review of a phased RFI workplan and 3 other facility reports. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

03-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

03-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 3 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The AK Steel project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity,

EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 03-01 No deliverables.

Task 03-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 03-03 No deliverables.

Task 03-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 04 – Review of Technical Documents and Site Visits at Ashland Chemical Company, Calumet City, Illinois

Background:

The Ashland Chemical Company is a permitted hazardous waste storage facility. The facility formerly notified that it was storing and treating hazardous waste in tank. The facility occupies a total of approximately 55 acres which includes the acquired adjacent Fina/Cosden facility. Both facilities are known to have manufactured specialty polymers, adhesives and variety of other chemicals including formaldehyde, polyethylene, ammonia and hexamine. Ashland Chemical Company has conducted several studies at the facility, prior to and pursuant to U.S. EPA's Corrective action order on Consent.

The U.S. Environmental Protection Agency, Region 5 presents this Final Decision and Response to Comments (FDRC) for the Ashland Chemicals, Inc. facility (Ashland) located in Calumet City, Illinois. This FDRC selects the final remedy to be implemented at the Ashland facility based on the Administrative Record and public comments. The response action documented in this FDRC is necessary to protect human health and the environment. This FDRC includes the August 2012, Statement of Basis (Attachment I). The Statement of Basis proposing remedies for the cleanup of contamination at the Ashland facility was made available for public review and comment from August 8 to September 21, 2012. EPA's Response to Comments addressing public comments received on the Statement of Basis during the 42 day of the public comment period, begins on page 20.

Selected Remedy

The EPA selects the following remedial components as the remedy to address

contaminated soil, and groundwater at the Ashland facility.

- Alternative 3: Localized Hot Spot Excavations and Off-site Disposal- Excavate contaminated soils from SWMU-F6 and AOC-1 and dispose of the soil at an off-site landfill.
- Action1: Institutional Controls- Establish institutional controls to prohibit the installation of groundwater supply wells at the Facility, and protect construction workers from exposure to contaminated subsurface soils and groundwater at the Facility.
- Action 2: Long-term Monitoring- Monitored natural attenuation of groundwater contamination to assess the effectiveness of removing the sources of the groundwater contamination and to monitor the long-term stability and natural attenuation of the contaminants in the groundwater.
- Action 3: Financial Assurance- Adequate funds will be needed to cover the costs of the construction, as well as the operation, maintenance, and monitoring of the selected remedy.

John Nordine is the technical contact for the Ashland Chemical facility. He can be reached at (312) 353-1243, or Nordine.john@epa.gov. Please contact him directly to make arrangements for the delivery of documents related to this assignment.

GENERAL NEEDS:

General Needs:

The Contractor is needed to provide technical support for the review of documents and field oversight in the CMI phase of investigation at the Ashland Chemical Company facility.

Specific Needs:

04-01) Attend an initial meeting/conference call with EPA technical representatives. This meeting/conference call is expected to last 2 hours and will be held in Chicago.

04-02) Review of all relevant supporting documents or background information that is readily accessible within the project time frame. Review and provide technical comments on approximately 4 facility documents related to the ongoing CMI. This will include the review of a CMI workplan and 3 other facility reports. EPA will make arrangements for the delivery of relevant documents to the contractor.

The Contractor shall expect to review each document and subsequent revised documents. For the purpose of this task order, the Contractor shall assume one revision per document. The deliverable for each report is to be a letter report/comment letter. Also, in some instances supplemental reports related to the above referenced reports may be submitted to EPA and need contractor review. For the purpose of this

task order, the Contractor shall assume 2 supplemental reports of moderate complexity will be submitted for this facility.

04-03) Participation in 4 teleconferences/meetings to discuss project status and/or specific issues related to the project. Teleconferences/meetings are expected to last about 2 hours each and will likely be held in Chicago.

04-04) Participate in 2 site visits related to the design plans review or implementation. These site visits are expected to last no more than 3 days each. One staff is adequate. If Contractor identifies major deviations of plans in the field, they should contact the EPA technical representative. Although not planned at this time, contractor shall be prepared to accept split samples from the facility and ship these samples to the Region 5 Central Regional Lab. Split sample collection, if necessary shall coincide with any site visits.

Complexity Level:

The Ashland Chemical project is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 04-01 No deliverables.

Task 04-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives. Deliverables for revised document reviews shall be 15 days.

Task 04-03 No deliverables.

Task 04-04 Within 15 days of each site visit, Contractor should provide a short letter report documenting the results of the site visit.

Task 04 – Review of Technical Documents and Site Visits at Modineer, Niles, Michigan

BACKGROUND:

The Modineer Facility is located in Niles, Michigan. Relevant information is contained in boxes from the State of Michigan. These documents can be obtained by contacting

the EPA project manager.

Bhooma Sundar is the technical contact for the Modinieer facility. She can be reached at (312) 886-1660, or sundar.bhooma@epa.gov. Please contact her directly to make arrangements for the delivery of documents related to this assignment.

GENERAL NEEDS:

The information from this evaluation may be used to support enforcement litigation, including site-wide corrective action against this facility.

SPECIFIC NEEDS:

05-01) Contractor will attend an initial meeting/conference call with EPA. The meeting/conference call is expected to last a half day and will be held in Chicago. This meeting will be scheduled by EPA.

05-02) After the initial meeting with EPA, Contractor shall review all relevant documents and files needed to conduct a facility assessment. The purpose of the assessment is to evaluate any risks associated with any potential release, identify possible data gaps and provide recommendations to support corrective action needs at the site.

Based on its review of the existing documents, the contractor shall meet with EPA and present a written recommendation to EPA about whether the nature and extent of contamination has been sufficiently described in existing documents, such that risks can be assessed, and the reasonable remediation alternatives can be identified and evaluated. The written recommendations should be in the form of a letter report, and be specific for the facility. The contractor shall specifically describe the data gaps (if any) in the written recommendation to EPA. This meeting/conference call is expected to last up to a half day and will be held in Chicago. This meeting will be scheduled by EPA.

05-03) If EPA determines that the nature and extent of contamination has been sufficiently described in existing documents, such that risks can be assessed, and the reasonable remediation alternatives can be identified and evaluated, then the contractor will visit the site to verify information collected during Task 05-02. The site visit should include: photos of all the SWMUs and AOCs; identification and evidence of releases; and any other relevant information. Although not planned at this time, contractor shall be prepared to collect samples at the facility and ship these samples to the Region 5 Central Regional Lab. Sample collection, if necessary shall coincide with any site visits.

05-04) Based on its review and site visit, the contractor shall prepare a Site Visit Report and Facility Background and Nature and Extent of Contamination Report and submit it to EPA by e-mail. These reports should : Describe the likelihood of a release of contaminants from each solid waste management unit or other area of concern at the facility; identify all media that are known or reasonably suspected of being

contaminated; identify contaminants of concern; identify the likely sources of the contamination; describe the potentially exposed populations; describe known or suspected human health risks; describe known or suspected ecological risks; and describe any ongoing remediation efforts as well as any planned remediation efforts.

05-05) Participation in up to three (3) meetings/conference calls will be needed to discuss the findings. These meetings/conference calls are expected to last about a half day and will be held in Chicago. Meetings will be scheduled by EPA.

Complexity Level:

The Modineer facility is expected to be of moderate complexity. Please refer to the contract PWS for examples of project complexity. On projects of moderate complexity, EPA anticipates the Contractor use predominantly mid or senior level staff to conduct most of the work. Junior staff should be used in a support role, and senior or expert staff in an advisory or review role.

Performance Standard:

The Contractor should refer to Task 1 and 2 of the contract PWS for a description of the performance measures and quality assurance requirements of this TO.

Schedule of Deliverables

Task 05-01 No deliverables.

Task 05-02 Within 30 days of receipt of documents, Contractor should provide one written and one electronic copy of the deliverables to the task order representatives for each document. Deliverables for revised document reviews shall be 15 days.

Task 05-03 No deliverables.

Task 05-04 Within 30 days of the site visit, contractor shall provide EPA with a short letter report with photos, documenting the results of the visit.

Task 05-05 No deliverables.

VII. Technical Direction

Technical Direction is for the purpose of clarification of the PWS only. If a Technical Direction Document is issued which changes the scope or increases/decreases the price of the task order, the Contractor shall not proceed. The Contractor shall immediately contact the CLCOR, Contracting Officer and Contract Specialist.

| Mod # | Reason For Modification | Award Date | Obligation | Total Amount |
|-------|-------------------------|------------|---------------|---------------------|
| BASE | | 11/3/2014 | \$25,000.00 | \$189,014.00 |
| 004 | work within scope | 12/1/2015 | (\$15,568.17) | \$0.00 |
| 003 | Funding Only Action | 9/14/2015 | \$0.00 | \$0.00 |
| 002 | Funding Only Action | 9/4/2015 | \$15,000.00 | \$0.00 |
| 001 | Funding Only Action | 4/2/2015 | \$20,000.00 | \$0.00 |
| | | | | \$189,014.00 |